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Volume 131 MARCH 8, 1937 Number 10

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- Cellosolve*
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- Methyl Carbitol
- Carbitol*
- Butyl Carbitol

ETHERS AND OXIDES
- Ethyl Ether
- Isopropyl Ether
- Dioxan
- Dichlorethyl Ether
- Chlorex*
- Ethylene Oxide
- Carboxide*
- Propylene Oxide

ALDEHYDES
- Butyraldehyde
- Crotonaldehyde
- Octyl Aldehyde

KETONES
- Acetone
- Methyl Acetone
- Methyl Isobutyl Ketone
- Methyl Amyl Ketone

ACIDS AND ANHYDRIDES
- Acetic Anhydride
- Butyric Acid
- Butyric Anhydride

ESTERS
- Methyl Acetate
- Ethyl Acetate
- Isopropyl Acetate
- Butyl Acetate (Normal)
- Methyl Amyl Acetate
- Octyl Acetate
- 2-Ethyl Butyl Acetate
- Methyl Cellosolve Acetate
- Cellosolve Acetate
- Carbitol Acetate
- Diethyl Sulphate
- Ethyl Acetoacetate
- Methyl Acetoacetate
- Dimethyl Phthalate
- Dibutyl Phthalate
- Ethyl Silicate

CHLORINATED COMPOUNDS
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- Propylene Dichloride
- Trichlorethylene
- Chlorasol
- Ethylene Chlorhydrin
- Propylene Chlorhydrin
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Advisory Council Studies Program

General Welfare Aspects Set As Objective — Teagle Again a Member

WASHINGTON, Mar. 3, 1937.

Studies of production control and labor problems from the standpoint of the general welfare were suggested today by Daniel C. Roper, Secretary of Commerce, in addressing the regular meeting of the Business Advisory Council of the Department of Commerce.

In the course of his remarks Secretary Roper said:—

I am particularly impressed with your agenda, especially the portions which relate to the coordination of studies and activities among the various departments and independent activities of the government. I recognize that fundamentally studies as related to agriculture, commerce, and labor must be more definitely and more closely interwoven in a common objective to serve the general welfare.

The question is, how may this council initiate this far-reaching work? My opinion, gained from the four years' experience with you, is that business men need to first research for causes and seek the solution, in association with leaders properly designated from agriculture and labor. Why not consider prompting regional group studies to these ends and with the view to heading up these studies in a general welfare conference at Washington, to get the entire national business thought coordinated with the best thinking in agricultural and labor groups?

I believe a movement wisely conducted for these general welfare purposes could be capable of producing a formula to alleviate maladjustments and misunderstandings. An open-minded approach needs to be made cooperatively in the study of production control in field and factory, with all the lights brought to bear, the study of wage scales, hours of labor, child labor, our domestic and foreign economy.

The following new members have been elected to the council:—

William L. Batt, president, S. K. F. Industries, Philadelphia; John D. Biggers, president, Libbey-Owens-Ford Glass Company, Toledo; Robert V. Fleming, president, Riggs National Bank, Washington; Edward R. Stettinius, jr., chairman of finance committee, United States Steel Corporation, New York; R. Douglas Stuart, vice-president, Quaker Oats Company, Chicago; Walter C. Teagle, president, Standard Oil Company of New Jersey, New York; J. T. Trippe, president, Pan American Airways, Inc., New York; Walter Wheeler, vice-president, Pitney-Bowes Postage Meter Corporation, Stamford, Conn.; R. W. Woodruff, president, Coca-Cola Company, Atlanta.

S.C. Fertilizer Law Will Get U.S. Test

WASHINGTON, Mar. 1, 1937.

The Supreme Court of the United States today agreed to review the constitutionality of the South Carolina law requiring formula disclosures on a tag attached to each sack of mixed fertilizer sold within the State.

The law was attacked by the National Fertilizer Association and individual companies operating in South Carolina, but its validity was upheld by the United States District Court for the Western District of South Carolina as being a proper exercise of the State's police power. The law is challenged chiefly on the ground that it requires disclosure of secret formulas, depriving the manufacturers of their property without due process of law in violation of the fourteenth amendment, and because compliance would be unduly burdensome on the companies without commensurate benefits to consumers.

The supreme court noted probable jurisdiction, which means that the case appears to involve a Federal constitutional question. No date has been set for argument.

Drug Control Consumer Unit Proposed for U. S. in New Bill

'Request' Measure Would Transfer Administration to Public Health Service—Follows Lines of New York State Proposal

WASHINGTON, March 4, 1937.

Representative John M. Coffee of Washington today introduced "at request" a bill (H. R. 5268), under the title, "The Food, Drug and Cosmetic Control Act," which would establish strict regulation of the manufacture, distribution, and advertising of foods, drugs, health devices, and cosmetics under a consumers' bureau to be created in the United States Public Health Service. This bill follows closely the lines of the Esquirol-Holley bill in the New York legislature and embodies legislative proposals that have been advanced on various occasions by Consumers Research, Inc.

The Coffee bill would require annual registration of all foods, drugs, health devices, and cosmetics, and provides for the payment of a registration fee of $25 for each product and a renewal fee of $10. Full disclosure of formulas would be a prerequisite of registration. All claims made or to be made for an article would have to be stated in the application. The making of substantially different claims on labels or in advertising would be prohibited.

In addition to the consumers' bureau, the bill, like that in New York, would create an advisory committee on public health, no member of which could have any financial interest in the production, distribution, or advertising of articles to which the law applied.

The definitive and prohibitive provisions of the Coffee bill are far-reaching, and in some instances they are far from clear.

Adulteration charges could be based on label statements potential of harmful results in the use of an article.

Not even palliative effects could be claimed with respect to a long list of diseases, including toothache.

No variation from official standards for drugs would be permitted.

Labels would be required to bear warnings against use in allergic conditions, and to state what ingredients were potentially harmful in this respect.

Misbranding charges could be based on ambiguity and inference, as well as direct statements on a label or in an advertisement.

The administrative agency could require that the full composition of a product be stated in every advertisement of it.

The label of a proprietary article would have to bear the complete quantitative and qualitative formula of the product.

Authority to make regulations is very generously conveyed.

Seizure and embargo would be the procedure under any violation of the act.

Officials and consumers could get, at request, a full analysis of any product.

The findings of the administrative chief, if supported by evidence (not defined), would be conclusive in every Federal court in actions involving revocation or suspension of registration.

Consumers could sue for a penalty on the basis of violation of the act, if their suits preceded official action on the same basis. Consumers could sue for damages at any time.

Penalties provided for violations range from a specified fine of $100 in first offenses to a fine of at least $1,000 plus imprisonment for at least thirty days in third and subsequent offenses.

Copeland Drug Bill Has Been Revised

Multiple Seizures Extended to Material Deception—Set For Early Action

WASHINGTON, Mar. 4, 1937.

The Copeland food and drug bill (S. 5) will be called up for consideration in the senate early next week, it was announced today by Senator Joseph E. Robinson of Arkansas, Democratic floor leader.

Objections of President Roosevelt that the bill weakens the present law will be met by amendments to be offered on the floor of the senate, it was stated today by Senator Royal S. Copeland of New York, author of the bill. Two amendments to accomplish this purpose have been agreed upon by members of the senate commerce committee, he said. One of these will remove the word, "material," from the definitions of misbranded foods and drugs, which, as reported out by the committee, read "if its labeling is false or misleading in any material particular."

The other amendment relates to multiple seizures. As reported out by the committee the bill would permit multiple seizures of goods for alleged misbranding only "when such misbranding has been the basis of a prior judgment in favor of the United States, in a crim-

(Continued on page 33)

Fair Trade Legislation On New Tack in N.Y.

Contracts for Minimum Prices Would Be Given Effect By Advertising

ALBANY, Mar. 2, 1937.

Senator A. Spencer Feld, coauthor of the partly invalidated fair trade law of this State, has started a new and somewhat different movement for a statute of such purpose.

The new bill introduced by Mr. Feld is offered as an amendment to the State trademark law, to which it would add a new section (367-a) to provide that the proprietor of a label, trademark, or other private brand, which has been filed and advertised as the trademark law prescribes, might enter into contracts with vendees providing:—

That the buyer will not resell such commodity except at the price stipulated by the vendor;

That the vendee or producer require in delivery to whom he may resell such commodities to agree that he will not, in turn, resell except at the price stipulated by such vendor or by such vendee.

Such provisions in any contract shall be deemed to contain or imply conditions that such commodities may be resold without reference to such agreement in the following cases:

1. In the closing out the owner's stock for the purpose of discontinuing delivering such commodity;
2. When the goods are damaged or de-

(Continued on page 32)

N R A Influences Told to Congress

Industrial Committee Analyzes Effects of Experiment on Lives of the People

WASHINGTON, Mar. 2, 1937.

President Roosevelt has transmitted to Congress a voluminous report on the National Recovery Administration by his committee on industrial analysis. The purpose of the undertaking which is now reported, was to provide data for information in congressional consideration of new legislation directed to various aspects of the NRA experiment.

The President's committee found much to commend the general purpose of the NRA and the fundamentals of the attempts to better the conditions of labor and to correct trade abuses. It concludes, however, that the purpose was too broadly stretched in various directions, not only by the provisions of the recovery act, but also by the impracticability of code provisions.

The committee's report is a document of almost 250 typewritten pages. The general estimate of the NRA in accomplishment and influence has been summarized as follows:—

Fundamentally, of course, the problem of evaluating the NRA is one of determining its effects upon the lives of the people of the country.

Effect on Employment

NRA gave jobs to something like two million workers by spreading work. The increase in the country's total employment between June and October, 1933, the period in which the President's re-employment agreement was put into effect, was estimated at 2,462,000, an increase of 6.8 percent, while the increase within the industries operating under the re-employment agreement was 11.4 percent. This was apparently due to the shortening of hours, which amounted over the same period to 12.7 percent, rather than to any increase of industrial activity.

NRA brought about a large increase in

(Continued on page 31)

F.T.C. Asks Stronger Governmental Control

WASHINGTON, Mar. 2, 1937.

Strengthening of the anti-trust laws, of the commodity exchange act, and of control of the manufacturing industry in its alleged dominance of agriculture is asked by the Federal Trade Commission in a report to Congress today.

The commission hints at the existence of a crippling monopoly in the distribution of agricultural products, and recommends as one remedy for the plight of agriculture that the excise on tobacco manufacturers be levied on their net selling prices.

In the opinion of the commission, the anti-trust laws should be amended to prohibit concentration of corporation control by mergers. It would have the law place a limit on the size of a corporation, measured by "a specified percentage of the total assets or output of the industry."

Changes in the control of commodity exchanges are recommended, directed to the correction of evils alleged to result from the dual capacity of brokers and commission men as "both agents and principals," requiring all futures deliveries of grain to be made from public warehouses under Federal license, and prohibiting brokers and the like from speculating for their own account.

In line with the Federal Trade Commission's recommendation of more rigid governmental control of corporations are the provisions of a bill (S. 1682) introduced by Senator McKeller, which would abolish "the legal fiction that a corporation is a citizen of the State by which it is chartered" and regard a corporation for purposes of Federal jurisdiction as "a citizen of the State in which its stockholders, or any of them, reside."

Closing Market Developments

London Closing Cable

LONDON, Mar. 5, 1937.

Carnauba wax ended the week at 175s per hundredweight. Quicksilver was £14 9s. per flask, nominally. Shellac stocks on March 1 totaled 129,385 packages.

Citronella Down Again

Prices on Ceylon citronella were reduced to the basis of 40c. to 42c. per pound in drums; can, 42c. to 44c.

Tin Crystals Higher

Tin crystals were higher at 41½c. to 42c. per pound, reflecting an increase in the price for Straits tin to 58c. per pound. Soda stannate was higher at 37c. to 40c. per pound. Anhydrous tetrachloride of tin was unchanged at 28½c. per pound.

Antimony Metal Firm

Antimony metal was firm at 16½c. per pound for domestic material; Chinese antimony, 16¾c. per pound.

Fish Scrap Futures Open

Trading in unground menhaden scrap futures opened for the season late last week at $3.50 and 10c. per unit-ton, f.o.b. Chesapeake factories. Up to this writing 6,000 tons were reported to have been sold on a when-and-if-made basis.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday, the more active months advancing about a dozen points in company with cotton and lard futures. Commission houses, local traders and shorts were buyers. Longs took profits on the rise.

N.Y. Drug Control Idea Revamped in New Bill

ALBANY, Mar. 2, 1937.

A new draft of the proposal for stringent control of the sale and advertising of foods, drugs, and cosmetics in this State has been introduced in the legislature. The introducer is Assemblyman Maurice A. FitzGerald, whose action in this respect was anticipated in a newspaper story several weeks ago.

Mr. FitzGerald has endeavored to present practically all the provisious of the previously introduced Esquirol-Holley bill with their evident or possible unconstitutionalities removed. His bill has the assembly number 1526.

Wholesalers must be interested in the provision that the exemption of a retailer is conditioned to his having a guaranty "assumed by a person residing in this State." The guaranty of a nonresident manufacturer would not be effective.

Patman Act Limit Proposed

WASHINGTON, Mar. 3. 1937.

Senator James J. Davis of Pennsylvania has introduced a bill (S. 1730) to provide that the price provisions of the Clayton act, including the Robinson-Patman amendment, shall not apply to the sale of any commodity to the Federal or State governments or to any non-profit charitable or educational organization.

Foreign TariffNotes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Animal Fat:—Panama has increased the import duty on animal fat for soap making.

Crude Oil:—Panama has placed crude oil on the duty-free list.

Edible Cottonseed Oil:—Paraguay has prohibited the exportation of edible cottonseed oil until the 1937 harvest.

Edible Gelatin: — Canada, effective April 1, will require that all edible gelatin imported into the country must be covered by the certificate furnished by the shipper certifying that the product meets the standards and marking requirements under the Canadian food and drugs act regulations.

Formic Acid:—Netherland India has established quota restrictions on imports of formic acid, for the ten-month period beginning January 27 last, at 517 metric tons, 65 percent of which is to come from the Netherlands.

Olive Oils:—France has suspended until June 30 the import quota restrictions on olive oil other than for the manufacture of soap.

Chemical Price Level Elevated

Although their number was not relatively large, price advances had an appreciable effect on the general average in the markets for heavy and fine chemicals last week. The outstanding examples were in salts of antimony and tin and cresylic acid. Business was a bit slower, reflecting the aggregate effects of sitdown strikes in small enterprises. Buying was being restricted in anticipation of price trends at the end of the quarter. Sentiment on the whole was good, and the volume of business was larger than that a year ago.

Prices were advanced on needle antimony, oxide of antimony, antimoniate of soda, tin crystals, tetrachloride of tin, stannate of soda, aluminum, high-boiling cresylic acid in small lots (large lots are practically unavailable), a few Congo copals, and hardwood pitch. Reductions were made in respect of syrupy phosphoric acid, domestic and French caseins, Batu and Rasak copals, Singapore dammar, rosin oil, domestic and imported dried blood, imported bonemeal and fishmeal, domestic tankage, and on domestic bonemeal at Chicago.

The REPORTER's composite index number of prices for heavy and fine chemicals rose to 125.6 (100 = average at August 1, 1914), its highest point since June, 1934. In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.6, against 88.9 at this time last year.

Pharmaceuticals:—Colombia, by pharmaceutical resolution, effective February 2, prohibits the importation, preparation and sale of pharmaceutical specialties made with a base of chaulmoogra oil and its derivatives for the treatment of leprosy.

Urethane Compound:—United Kingdom, by treasury order, January 15, has granted exemption of N (Oxyacetomercuriopropyl)ethylurethane, from the key industry duty, from January 23 to December 31, 1937.

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Drug-Chemical Diners Get National Body Plea

Seventeen Hundred At Annual Banquet Hear Record of Short Speeches

The twelfth annual dinner held March 4 in the Waldorf-Astoria, this city, and sponsored by the Drug, Chemical and Allied Trades Section of the New York Board of Trade, brought together seventeen hundred persons identified with the industries. Joseph A. Huisking, of Charles L. Huisking & Co., chairman of the executive committee presided. The toastmaster was A. Kiefer Mayer, of the Kiefer-Stewart Company, Indianapolis, Ind., and the guest speaker was John J. Bennett, jr., attorney general for the State of New York.

Joseph A. Huisking

Entertainment was the heart and core of the affair. Preceding the banquet, social gatherings in many private dining rooms, suites, and the like were enlivened by good things to eat and drink, and, in many instances, by singers, instrumentalists, and magicians. After the dinner speeches, several entertainment features, including juggling, solo and concerted singing, and orchestral music, added to the gaiety of the occasion. During dinner, a song leader conducted community singing.

Featuring entertainment was a change from the policy of other years when speech-making by national celebrities was the center of the annual get-together of the trades. Speech-making there was last Thursday night but, impossible though it may seem, Mr. Huisking spoke five minutes in greeting those present and introducing the toastmaster, Mr. Mayer. Mr. Mayer in turn did a neat job in introducing Attorney-General Bennett in less than five minutes. And Mr. Bennett topped the time element by making the principal address in thirteen minutes. All of which should be some kind of a record.

Mr. Huisking paid a tribute to those charged with the dinner arrangements. He then called for a strong national organization of the drug, chemical and allied trades for the purpose of furthering, or opposing, drug and chemical legislation, and said that all present should join the Section. His mention of the Robinson-Patman fair trade law brought mixed boos and cheers, but he said no one was treating the act lightly. He closed by saying that Senator Patman's new bill, which seems to ban reciprocity trading between business houses, is one directly affecting the drug and chemical trades.

Attorney-General Bennett, in thirteen minutes, paid tribute to the achievements of chemistry in American life and expressed the hope that the industry, because of its flair for research, would seek to devise from the three great fundamentals—government, capital, and labor—a formula for better understanding happiness, contentment, and prosperity for the nation and its people.

Peter Dirr, vice-president of Charles L. Huisking & Co., drugs and chemicals, this city, became the father of a baby girl on February 26. That made it a baker's dozen of children fathered by Mr. Dirr and reports last week were that mother and child were doing nicely. Debate as to the name for the new infant has yet to be concluded.

Chemical Workers Gained in January

Payrolls and Employment Both Increased 0.6 Percent in Monthly Period

Factory employment in the manufacture of chemicals and related products in the United States showed a slight gain from December 15, 1936, to January 15, 1937, an advance of 0.6 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 7.4 percent above the corresponding level for January, 1936. Payroll totals increased 0.6 percent during the monthly period, and stood 18.6 percent above the January, 1936, level.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries, January 15, 1937, was 120.1 (100=1923-25 average), compared with 119.3 for December, 1936, and 111.8 for January, 1936. The bureau's index number (same basis) for payroll totals was 119.1 at January 15, 1937, compared with 118.3 for December, 1936, and 100.4 for January, 1936.

The bureau's general index numbers for all manufacturing industries, January 15, 1937, show the following comparisons:—

	Jan. 1937.	Dec. 1936.	Jan. 1936.
Employment	96.4	98.1	86.8
Payrolls	90.6	95.1	73.8

Employment in the chemical group of industries, January 15, 1937, was 24 percent above the general average for all industries, and 38 percent above the general average for January, 1936. Payroll totals were 23 percent above the general average for all industries, and 61 percent above the general average for January, 1936.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics' January 15 index numbers for the chemical group of industries show the following comparisons:—

Employment

(100=1923-25 average)

	Jan. 1937.	Dec. 1936.	Jan. 1936.
Chemicals	129.5	129.1	114.1
Cottonseed oil, cake and meal	90.3	98.0	81.0
Druggists' preparations	106.5	106.6	101.5
Explosives	94.0	93.2	81.3
Fertilizers	87.7	80.4	80.6
Paints and varnishes	127.7	127.5	119.8
Petroleum refining	119.2	119.5	115.8
Rayon and allied products	369.0	362.4	347.6
Soap	100.4	98.8	95.5

Payroll Totals

(100=1923-25 average)

	Jan. 1937.	Dec. 1936.	Jan. 1936.
Chemicals	130.8	132.5	103.7
Cottonseed oil, cake and meal	75.4	82.1	61.1
Druggists' preparations	113.6	112.5	101.5
Explosives	97.6	98.0	72.2
Fertilizers	79.0	71.6	65.0
Paints and varnishes	120.8	121.6	104.1
Petroleum refining	119.5	119.5	105.9
Rayon and allied products	335.9	321.3	279.0
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9. Misrepresentation of foreign origin.
10. Espionage.
11. Deception of public, or interference with competition, or restraint of trade, or violation of Patman act, through the payment of "push money" or other bonus.
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Tydings Bill Held Up By Price-Fixing Fear

Representative Celler Influences Senate Group—Limit on Margins Proposed

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Other witnesses appearing in opposition to the bill were O. M. Kyle, of the Mail Order Association; Chester H.

(Continued on page 32)

Carbon Black Ban By Texas Upheld

Prohibition of Manufacture from 'Sweet' Gas Held Valid By Supreme Court

WASHINGTON, Mar. 1, 1937.

Prohibition by Texas of the use of "sweet" natural gas for the production of carbon black has been upheld by the Supreme Court of the United States as a constitutional exercise of a State's police powers.

The supreme court confirmed the validity of an order issued by the Texas Railroad Commission under the natural gas law, prohibiting the Henderson Company from using "sweet" gas from the Panhandle field in making carbon black. The validity of the order had been upheld in the lower court. Justice Brandeis, reading the decision of the supreme court in the case of Henderson Company versus Thompson, indicated that the statute and the order issued by the authority of the statute did not violate the due process clause of the fourteenth amendment.

The Henderson Company contended that the prohibition of the use of "sweet" gas in the manufacture of carbon black was unreasonably discriminatory against a manufacturer of carbon black from "sweet" gas, on the theory that owners of "sour" gas wells were thus favored. The lower court found that there was enough "sour" gas in reserve in the Panhandle field to "fulfill the world's requirements for many years to come," and that there was available for use in the manufacture of carbon black "sufficient allotments under the orders of the railroad commission of 'sour' and casinghead gas to supply all the demands and needs of such plants, with an excess of 100,000,000 cubic feet of casinghead gas over and above the demand of the carbon black plants." The supreme court sustained the finding of fact.

The Henderson Company also claimed that the order was not a true conservation measure. Its basis of this argument was that the pressure in the "sour" gas area was less than the pressure in the "sweet" gas area, hence if withdrawals of "sour" gas were permitted to the extent of the requirements of the carbon black industry, the "sweet" gas would migrate to the lower-pressure areas and become a part of the "sour" gas supply.

In refuting this argument Justice

(Continued on page 31)

Paint Technicians Of South Meet

Problems Peculiar to Section Discussed — Mills New Head of S.F.A.

About 125 technical men in the paint, varnish, and lacquer industry, most of them located in the South, attended the third annual meeting of the Southern Federation Associates, held February 26 and 27, in the Ansley hotel, Atlanta. Among the visitors were V. C. Bidlack, president, and George B. Heckel, secretary, of the Federation of Paint and Varnish Production Clubs, with which the Southern group is affiliated.

E. L. Gott, of the Gilman Paint & Varnish Company, Chattanooga, S. F. A. chairman, presided.

The first day was devoted to the presentation and discussion of a number of papers dealing with subjects of particular interest to Southern paint technicians. C. J. O'Neil, of the Johns-Manville Corporation, spoke on "Inert Extenders." Some comparisons of wall paints were given by Dr. H. A. Gardner, Washington. Titanox primers were explained by I. W. Robertson, of the Titanium Pigments Corporation. Fish oils were discussed by L. J. Reizenstein, of Falk & Co., and Dr. Alexander Schwarcman, of Spencer Kellogg & Sons, discoursed on various developments in paint and varnish oils. Selection of primers was outlined by S. Werthan, of the New Jersey Zinc Company, and synthetic iron oxides were similarly discussed by K. E. Burgess, of the Magnetic Pigment Company. Beck, Koller & Co. exhibited its "By Gum!" movie.

Consideration of problems was continued in a roundtable assembly the second day. A. P. Mills opened the discussion on "Repainting Mildewed Surfaces." Raymond A. Perry presented some new information on "The Formulation and Use of House Paint Primers on Southern Yellow Pine." More comment on primers, with special reference to exterior work, was made by E. M. Fairbrother.

Nominations for the offices of the associates were presented by a committee composed of Raymond A. Perry, Nashville; Edward Cordon, Birmingham; and Harold Mann, Charleston. The committee's selections were unanimously approved, and the following were elected:—

Chairman, A. P. Mills, of the DeSoto Paint & Varnish Company, Memphis.

Treasurer, Paul Kollie, of F. J. Cooledge & Sons, Atlanta.

To meet conditions incident to the rapid growth of the organization and

(Continued on page 32)

Fair Trade Codes Are Proposed in New York

ALBANY, Mar. 3, 1937.

Under the provisions of a bill introduced in the assembly by Jule L. Maisel and referred to the labor committee, the governor would be authorized to investigate, declare, and prescribe reasonable codes or standards of fair competition and trade practices for various trades and industries in which competition is essentially intrastate, to establish standards of maximum hours, minimum wages, and working conditions, prescribing rules and regulations and making other provisions.

Several bills are in the legislature, designed to authorize the adoption of fair trade codes by certain industries. The Sullivan bill (A. 1429) applies in this respect to trades and industries "in which service is rendered to the public without necessarily involving the sale, manufacture, or transportation of merchandise or commodities." This category includes by name, among others, the cleaning and dyeing industry for which a similar proposal is separately made in the Maisel bill (A. 1449).

Under the provisions of a bill introduced in the senate by Francis L. McElroy and referred to the finance committee, a temporary State commission would be created, with $25,000 appropriated, to investigate and study service trades or industries in order to eradicate unfair trade practices. A bill by Assemblyman Max Turshen would authorize the adoption of codes of fair competition for gasoline service stations during "an emergency period to end December 31, 1939."

Closing Market Developments

London Closing Cable

LONDON, Mar. 5, 1937.

Carnauba wax ended the week at 175s per hundredweight. Quicksilver was £14 9s. per flask, nominally. Shellac stocks on March 1 totaled 129,385 packages.

Citronella Down Again

Prices on Ceylon citronella were reduced to the basis of 40c. to 42c. per pound in drums; can, 42c. to 44c.

Tin Crystals Higher

Tin crystals were higher at 41½c. to 42c. per pound, reflecting an increase in the price for Straits tin to 58c. per pound. Soda stannate was higher at 37c. to 40c. per pound. Anhydrous tetrachloride of tin was unchanged at 28½c. per pound.

Antimony Metal Firm

Antimony metal was firm at 16½c. per pound for domestic material; Chinese antimony, 16¾c. per pound.

Fish Scrap Futures Open

Trading in unground menhaden scrap futures opened for the season late last week at $3.50 and 10c. per unit-ton, f.o.b. Chesapeake factories. Up to this writing 6,000 tons were reported to have been sold on a when-and-if-made basis.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday, the more active months advancing about a dozen points in company with cotton and lard futures. Commission houses, local traders and shorts were buyers. Longs took profits on the rise.

N.Y. Drug Control Idea Revamped in New Bill

ALBANY, Mar. 2, 1937.

A new draft of the proposal for stringent control of the sale and advertising of foods, drugs, and cosmetics in this State has been introduced in the legislature. The introducer is Assemblyman Maurice A. FitzGerald, whose action in this respect was anticipated in a newspaper story several weeks ago.

Mr. FitzGerald has endeavored to present practically all the provisious of the previously introduced Esquirol-Holley bill with their evident or possible unconstitutionalities removed. His bill has the assembly number 1526.

Wholesalers must be interested in the provision that the exemption of a retailer is conditioned to his having a guaranty "assumed by a person residing in this State." The guaranty of a nonresident manufacturer would not be effective.

Patman Act Limit Proposed

WASHINGTON, Mar. 3. 1937.

Senator James J. Davis of Pennsylvania has introduced a bill (S. 1730) to provide that the price provisions of the Clayton act, including the Robinson-Patman amendment, shall not apply to the sale of any commodity to the Federal or State governments or to any non-profit charitable or educational organization.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Animal Fat:—Panama has increased the import duty on animal fat for soap making.

Crude Oil:—Panama has placed crude oil on the duty-free list.

Edible Cottonseed Oil:—Paraguay has prohibited the exportation of edible cottonseed oil until the 1937 harvest.

Edible Gelatin: — Canada, effective April 1, will require that all edible gelatin imported into the country must be covered by the certificate furnished by the shipper certifying that the product meets the standards and marking requirements under the Canadian food and drugs act regulations.

Formic Acid:—Netherland India has established quota restrictions on imports of formic acid, for the ten-month period beginning January 27 last, at 517 metric tons, 65 percent of which is to come from the Netherlands.

Olive Oils:—France has suspended until June 30 the import quota restrictions on olive oil other than for the manufacture of soap.

Chemical Price Level Elevated

Although their number was not relatively large, price advances had an appreciable effect on the general average in the markets for heavy and fine chemicals last week. The outstanding examples were in salts of antimony and tin and cresylic acid. Business was a bit slower, reflecting the aggregate effects of sitdown strikes in small enterprises. Buying was being restricted in anticipation of price trends at the end of the quarter. Sentiment on the whole was good, and the volume of business was larger than that a year ago.

Prices were advanced on needle antimony, oxide of antimony, antimoniate of soda, tin crystals, tetrachloride of tin, stannate of soda, aluminum, high-boiling cresylic acid in small lots (large lots are practically unavailable), a few Congo copals, and hardwood pitch. Reductions were made in respect of syrupy phosphoric acid, domestic and French caseins, Batu and Rasak copals, Singapore dammar, rosin oil, domestic and imported dried blood, imported bonemeal and fishmeal, domestic tankage, and on domestic bonemeal at Chicago.

The REPORTER'S composite index number of prices for heavy and fine chemicals rose to 125.6 (100 = average at August 1, 1914), its highest point since June, 1934. In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.6, against 88.9 at this time last year.

Pharmaceuticals:—Colombia, by pharmaceutical resolution, effective February 2, prohibits the importation, preparation and sale of pharmaceutical specialties made with a base of chaulmoogra oil and its derivatives for the treatment of leprosy.

Urethane Compound:—United Kingdom, by treasury order, January 15, has granted exemption of N (Oxyacetomercuriopropyl)ethylurethane, from the key industry duty, from January 23 to December 31, 1937.

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Drug-Chemical Diners Get National Body Plea

Seventeen Hundred At Annual Banquet Hear Record of Short Speeches

The twelfth annual dinner held March 4 in the Waldorf-Astoria, this city, and sponsored by the Drug, Chemical and Allied Trades Section of the New York Board of Trade, brought together seventeen hundred persons identified with the industries. Joseph A. Huisking, of Charles L. Huisking & Co., chairman of the executive committee presided. The toastmaster was A. Kiefer Mayer, of the Kiefer-Stewart Company, Indianapolis, Ind., and the guest speaker was John J. Bennett, jr., attor-

Joseph A. Huisking

ney general for the State of New York.

Entertainment was the heart and core of the affair. Preceding the banquet, social gatherings in many private dining rooms, suites, and the like were enlivened by good things to eat and drink, and, in many instances, by singers, instrumentalists, and magicians. After the dinner speeches, several entertainment features, including juggling, solo and concerted singing, and orchestral music, added to the gaiety of the occasion. During dinner, a song leader conducted community singing.

Featuring entertainment was a change from the policy of other years when speech-making by national celebrities was the center of the annual get-together of the trades. Speech-making there was last Thursday night but, impossible though it may seem, Mr. Huisking spoke five minutes in greeting those present and introducing the toastmaster, Mr. Mayer. Mr. Mayer in turn did a neat job in introducing Attorney-General Bennett in less than five minutes. And Mr. Bennett topped the time element by making the principal address in thirteen minutes. All of which should be some kind of a record.

Mr. Huisking paid a tribute to those charged with the dinner arrangements. He then called for a strong national organization of the drug, chemical and allied trades for the purpose of furthering, or opposing, drug and chemical legislation, and said that all present should join the Section. His mention of the Robinson-Patman fair trade law brought mixed boos and cheers, but he said no one was treating the act lightly. He closed by saying that Senator Patman's new bill, which seems to ban reciprocity trading between business houses, is one directly affecting the drug and chemical trades.

Attorney-General Bennett, in thirteen minutes, paid tribute to the achievements of chemistry in American life and expressed the hope that the industry, because of its flair for research, would seek to devise from the three great fundamentals—government, capital, and labor—a formula for better understanding happiness, contentment, and prosperity for the nation and its people.

Peter Dirr, vice-president of Charles L. Huisking & Co., drugs and chemicals, this city, became the father of a baby girl on February 26. That made it a baker's dozen of children fathered by Mr. Dirr and reports last week were that mother and child were doing nicely. Debate as to the name for the new infant has yet to be concluded.

Chemical Workers Gained in January

Payrolls and Employment Both Increased 0.6 Percent in Monthly Period

Factory employment in the manufacture of chemicals and related products in the United States showed a slight gain from December 15, 1936, to January 15, 1937, an advance of 0.6 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 7.4 percent above the corresponding level for January, 1936. Payroll totals increased 0.6 percent during the monthly period, and stood 18.6 percent above the January, 1936, level.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries, January 15, 1937, was 120.1 (100=1923-25 average), compared with 119.3 for December, 1936, and 111.8 for January, 1936. The bureau's index number (same basis) for payroll totals was 119.1 at January 15, 1937, compared with 118.3 for December, 1936, and 100.4 for January, 1936.

The bureau's general index numbers for all manufacturing industries, January 15, 1937, show the following comparisons:—

	Jan. 1937.	Dec. 1936.	Jan. 1936.
Employment	96.4	98.1	86.8
Payrolls	90.6	95.1	73.8

Employment in the chemical group of industries, January 15, 1937, was 24 percent above the general average for all industries, and 38 percent above the general average for January, 1936. Payroll totals were 23 percent above the general average for all industries, and 61 percent above the general average for January, 1936.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics' January 15 index numbers for the chemical group of industries show the following comparisons:—

Employment

(100=1923-25 average)

	Jan. 1937.	Dec. 1936.	Jan. 1936.
Chemicals	129.5	129.1	114.1
Cottonseed oil, cake and meal	90.3	98.0	81.0
Druggists' preparations	106.5	106.6	101.5
Explosives	94.0	93.2	81.3
Fertilizers	87.7	80.4	80.6
Paints and varnishes	127.7	127.5	119.8
Petroleum refining	119.2	119.5	115.8
Rayon and allied products	369.0	362.4	347.6
Soap	100.4	98.8	95.5

Payroll Totals

(100=1923-25 average)

	Jan. 1937.	Dec. 1936.	Jan. 1936.
Chemicals	130.8	132.5	103.7
Cottonseed oil, cake and meal	75.4	82.1	61.1
Druggists' preparations	113.6	112.5	101.5
Explosives	97.6	98.0	72.2
Fertilizers	79.0	71.6	65.0
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Tydings Bill Held Up By Price-Fixing Fear

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WASHINGTON, Mar. 1, 1937.

Prohibition by Texas of the use of "sweet" natural gas for the production of carbon black has been upheld by the Supreme Court of the United States as a constitutional exercise of a State's police powers.

The supreme court confirmed the validity of an order issued by the Texas Railroad Commission under the natural gas law, prohibiting the Henderson Company from using "sweet" gas from the Panhandle field in making carbon black. The validity of the order had been upheld in the lower court. Justice Brandeis, reading the decision of the supreme court in the case of Henderson Company versus Thompson, indicated that the statute and the order issued by the authority of the statute did not violate the due process clause of the fourteenth amendment.

The Henderson Company contended that the prohibition of the use of "sweet" gas in the manufacture of carbon black was unreasonably discriminatory against a manufacturer of carbon black from "sweet" gas, on the theory that owners of "sour" gas wells were thus favored. The lower court found that there was enough "sour" gas in reserve in the Panhandle field to "fulfill the world's requirements for many years to come," and that there was available for use in the manufacture of carbon black "sufficient allotments under the orders of the railroad commission of 'sour' and casinghead gas to supply all the demands and needs of such plants, with an excess of 100,000,000 cubic feet of casinghead gas over and above the demand of the carbon black plants." The supreme court sustained the finding of fact.

The Henderson Company also claimed that the order was not a true conservation measure. Its basis of this argument was that the pressure in the "sour" gas area was less than the pressure in the "sweet" gas area, hence if withdrawals of "sour" gas were permitted to the extent of the requirements of the carbon black industry, the "sweet" gas would migrate to the lower-pressure areas and become a part of the "sour" gas supply.

In refuting this argument Justice

(Continued on page 31)

Paint Technicians Of South Meet

Problems Peculiar to Section Discussed — Mills New Head of S.F.A.

About 125 technical men in the paint, varnish, and lacquer industry, most of them located in the South, attended the third annual meeting of the Southern Federation Associates, held February 26 and 27, in the Ansley hotel, Atlanta. Among the visitors were V. C. Bidlack, president, and George B. Heckel, secretary, of the Federation of Paint and Varnish Production Clubs, with which the Southern group is affiliated.

E. L. Gott, of the Gilman Paint & Varnish Company, Chattanooga, S. F. A. chairman, presided.

The first day was devoted to the presentation and discussion of a number of papers dealing with subjects of particular interest to Southern paint technicians. C. J. O'Neil, of the Johns-Manville Corporation, spoke on "Inert Extenders." Some comparisons of wall paints were given by Dr. H. A. Gardner, Washington. Titanox primers were explained by I. W. Robertson, of the Titanium Pigments Corporation. Fish oils were discussed by L. J. Reizenstein, of Falk & Co., and Dr. Alexander Schwarcman, of Spencer Kellogg & Sons, discoursed on various developments in paint and varnish oils. Selection of primers was outlined by S. Werthan, of the New Jersey Zinc Company, and synthetic iron oxides were similarly discussed by K. E. Burgess, of the Magnetic Pigment Company. Beck, Koller & Co. exhibited its "By Gum!" movie.

Consideration of problems was continued in a roundtable assembly the second day. A. P. Mills opened the discussion on "Repainting Mildewed Surfaces." Raymond A. Perry presented some new information on "The Formulation and Use of House Paint Primers on Southern Yellow Pine." More comment on primers, with special reference to exterior work, was made by E. M. Fairbrother.

Nominations for the offices of the associates were presented by a committee composed of Raymond A. Perry, Nashville; Edward Cordon, Birmingham; and Harold Mann, Charleston. The committee's selections were unanimously approved, and the following were elected:—

Chairman, A. P. Mills, of the DeSoto Paint & Varnish Company, Memphis.

Treasurer, Paul Kollie, of F. J. Cooledge & Sons, Atlanta.

To meet conditions incident to the rapid growth of the organization and

(Continued on page 32)

Fair Trade Codes Are Proposed in New York

ALBANY, Mar. 3, 1937.

Under the provisions of a bill introduced in the assembly by Jule L. Maisel and referred to the labor committee, the governor would be authorized to investigate, declare, and prescribe reasonable codes or standards of fair competition and trade practices for various trades and industries in which competition is essentially intrastate, to establish standards of maximum hours, minimum wages, and working conditions, prescribing rules and regulations and making other provisions.

Several bills are in the legislature, designed to authorize the adoption of fair trade codes by certain industries. The Sullivan bill (A. 1429) applies in this respect to trades and industries "in which service is rendered to the public without necessarily involving the sale, manufacture, or transportation of merchandise or commodities." This category includes by name, among others, the cleaning and dyeing industry for which a similar proposal is separately made in the Maisel bill (A. 1449).

Under the provisions of a bill introduced in the senate by Francis L. McElroy and referred to the finance committee, a temporary State commission would be created, with $25,000 appropriated, to investigate and study service trades or industries in order to eradicate unfair trade practices. A bill by Assemblyman Max Turshen would authorize the adoption of codes of fair competition for gasoline service stations during "an emergency period to end December 31, 1939."

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Acid Acetylsalicylic

FOR TABLET MANUFACTURERS

These are only a few of the millions of tablets made with Merck Acid Acetylsalicylic starch granulations. They come out of tablet machines with the least possible amount of capping, sticking, splitting and pitting.

The use of this uniform and pure Merck Product makes a quickly disintegrating tablet, minimizes production difficulties and insures customer satisfaction.

Write for further information and prices.

Acid Acetylsalicylic Merck Granulated with 10% Starch (White, Green, and Pink)

Acid Acetylsalicylic Merck Granulated with 16% Starch (White)

Acid Acetylsalicylic Merck Granulated with 20% Starch (White)

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works....lb. .48 - 1.00
tech., kegs, c.l., works....lb. .32 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs....lb. .25 - —
smaller lots....lb. .26 - —
kegs, 1,000 lbs....lb. .26 - —
smaller lots....lb. .27 - —
Acetin, tech., dms....lb. .22 - .25
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., divd..lb. .07 - —
l.c.l., divd....lb. .07½- —
tanks, divd....lb. .06 - —
Methyl (see M)
Acetophenone, bots....lb. 1.30 - 1.45
cns., 25 lbs....lb. 1.15 - 1.25
dms., 100 lbs....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg....lb. 1.35 - —
smaller pkgs....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .06¾- —
l.c.l. .....lb. .07 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.25 - —
cbys. .....100 lbs. 2.75 - —
56%, bbls.....100 lbs. 4.40 - —
cbys. .....100 lbs. 4.80 - —
70%, bbls.....100 lbs. 5.50 - —
cbys. .....100 lbs. 6.00 - —
80%, bbls.....100 lbs. 6.00 - —
cbys. .....100 lbs. 6.50 - —
glacial, nat., CP., cbys.100 lbs.14.00 - —
com'l., nat., bbls., c.l., 100 lbs. 8.00 - —
cbys. .....100 lbs. 8.50 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.43 - —
cbys. .....100 lbs. 8.93 - —
syn., al. dms., c.l.100 lbs. 8.43 - —
cbys. .....100 lbs. 8.93 - —
USP., reagent, 99.8%, al. dms..100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
pure, 30%, bbls., c.l...100 lbs. 3.52 - —
cbys. .....100 lbs. 3.92 - —
36%, bbls., c.l.....100 lbs. 3.95 - —
cbys. .....100 lbs. 4.45 - —
60%, bbls., c.l.....100 lbs. 6.63 - —
cbys. .....100 lbs. 7.13 - —
80%, bbls., c.l.....100 lbs. 8.32 - —
cbys. .....100 lbs. 8.82 - —

Acetic acid prices for commercial or redistilled are for any quantity; l.c.l. prices for other grades are uniformly 25c. per 100 lbs. higher than c.l. prices.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys.....lb. .14 - .15
Acetylsalicylic, USP, bbls. 225 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kegs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bble.....lb. .85 - .90
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l. E. works 100 lbs. 1.35 - 1.50
l.c.l., 25 or more, E. works, 100 lbs. 1.60 - 1.75
10-24, E. works.....100 lbs. 2.35 - 2.50
1-9, E. works.....100 lbs. 2.35 - 2.50
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00

USP., $25 per ton higher.

Broenner's, bbls.....lb. 1.11 - —
Butyric, 95%, w.w., cbys.,works, lb. .28 - .35
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - 5.70
Capric, dms.....lb. .19½- .20
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .16 - .16½
Chicago, bbls.....lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .03½- —
5 drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .25 - —
kegs .....lb. .25½- —
gran., bbls.....lb. .25 - —
kegs .....lb. .25½- —
powd., bbls.....lb. .25½- —
anhyd., gran., dms.....lb. .27½- —
powd., dms.....lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Acid, cleve's, bbls.....lb. .50 - —
Cottonseed oil, dms.....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. No prices
l.c.l., same bases....gal. .85 Nom.
low-boil, dms., c.l., works, frt. equald..gal. .77 Nom.
l.c.l., same basis....gal. .79 Nom.
imported pale, 97-99, dms..gal. .84 - .99
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls.....lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l. .....lb. .11 - —
l.c.l., 25 and over.....lb. .11½- —
1-24 .....lb. .12 - —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c. l., lb. .1220- .1290
l.c.l., 25 and over.....lb. .1270- .1340
1-24 .....lb. .1320- .1390
Fumaric, bbls.....lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works.....lb. .45 - —
Gallic, tech., bbls.....lb. .65 - .68
N.F., VI, bbls.....lb. .77 - .80
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180-.1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls.....lb. .36 - .37
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade.....lb. .12¾- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Linseed oil, dark or light, dms..lb. .1300- .1340
tanks .....lb. .1240- —
extra white, dms.....lb. .1125- .1175
split, dms.....lb. .0950- .1000
Laurent's, bbls.....lb. .45 - —
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic, powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 3.50 - —
fib. dms.....lb. 3.25 - —
jars .....lb. 3.25 - 3.35
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit.....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls.....lb. .18 - .19
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works.....100 lbs. 1.00 - —
20°, cbys., c.l., E. works. 100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.10 - —
22°, cbys, c.l., E. works. 100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works.....100 lbs. 1.60 - —
CP, cbys.....lb. .06½- .07½
6-lb. bots.....lb. .08½- .12½
Myristic, dms.....lb. .14¼- .15
white, redist., dms.....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms, lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over. E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 6.00 - —
Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works..100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.50 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 7.00 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
1 to 9, works..100 lbs. 7.50 - —
CP, cbys.....lb. .11¼- .12¼
7-lb. bots.....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palm oil, dms.....lb. .06¾- .09½
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Phenylacetic, bots.....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 70 lbs...lb. .12 - —
djns., 25 lbs. ....lb. .15 - —
50% s.q., 1347, cbys., 70 lbs. lb. .12 - —
djns., 25 lbs. ....lb. .15 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .35 - .40
Propionic, ref., cbys., works. lb. .25 - —
dms., works.....lb. .22 - —
tech., cbys., works.....lb. .20 - —
dms., works.....lb. .16 - —
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns. .....lb. .95 - —
USP, cryst., cns.....lb. 1.55 - 1.60
resubl., cns.....lb. 1.90 - 2.00
Pyroligneous, bbls., divd. E.gal. .25 - —
Ricinoleic, dms.....lb. .20 - .28
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .10½- .11½
Stearic, distil., double pressed. bgs., divd..lb. .12½- .13½
single pressed, bgs., divd.lb. .12 - .13
triple pressed, bgs., divd.lb. .15¼- .16¼
saponif., double pressed bgs., divd..lb.12¾- .13¾
triple pressed, bgs., divd..lb. .15½- .16½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
1 to 9, works....100 lbs. 2.10 - —
tanks, E. works.....ton.12.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works....100 lbs. 2.35 - —
tanks, E. works.....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys.....lb. .06½- .07½
9-lb. bots.....lb. .08½- .17½
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.35.00 - —
Tannic, tech., bbls.....lb. .19 - .25
USP, fluffy, bbls.....lb. .83 - .88
Tartaric USP. dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .21¾- —
smaller quantities.....lb. .22¼- —
kgs. .....lb. .22¾- —
Tobias, bbls.....lb. .65 - —
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. 2.45 - 2.70
tech., kgs.....lb. 1.50 - 1.60
Aconite leaves, bls.....lb. .22 - .24
Root, bls.....lb. .32 - .34
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vls. .....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar agar, 1, bls.....lb. .95 - 1.00
2, bls.....lb. .90 - Nom.
3, bls.....lb. .70 - .75
Agaric, white, bls.....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago, lb. .15 - .17
powd., bgs., boo, Chicago,lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago...lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
imporj, cs.....lb. .76 - .78
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld...lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .06½- —
Benzyl, bots.....lb. .65 - 1.20

Acacia—Alum, Ammo.

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld.....lb. .10¼- —
tanks, frt., alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08¼- —
tanks, same terms.....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl., dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
coml., dms.....lb. .95 - —
import, 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l., works, E., frt. equal.gal. 33 - —
20 dms., East.....gal. .35 - —
1-19 dms., East.....gal. .38 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Anhydrous, 5c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works...gal. .35 - —
1 to 19 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14 - —
tech., contract, dms., c.l., frt. alld. .....lb. .12½- —
l.c.l., frt. alld.....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls.....gal. 4.14 - —
1 to 18 bbls.....gal. 4.17 - —
dms., c.l.....gal. 4.11 - —
19 dms.....gal. 4.13 - —
1 to 18 dms.....gal. 4.16 - —
tanks .....gal. 4.05 - —
absolute, dms.....gal. 4.04 - 6.06½

Grain alcohol 40c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts.lb. .10 - —
l.c.l., same terms.....lb. .10¼- —
tanks, same terms.....lb. .09 - —
Isoamyl, primary, dms., l.c.l., divd. .....lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld.....gal. .33 - —
refd., 91% dms., cl., f.o.b. dest. E. of Miss. crossing .....gal. .50 - —
l.c.l., same terms....gal. .55 - —
tanks, same terms....gal. .40 - —
98%, dms., c.l., same terms. gal. .60 - —
l.c.l., same terms....gal. .65 - —
tanks, same terms....gal. .50 - —
tech., 91%, dms., c.l., same terms..gal. .45 - —
l.c.l., same terms....gal. .50 - —
tanks, same terms....gal. .35 - —
98%, dms., c.l. same terms. gal. .55 - —
l.c.l., same terms....gal. .60 - —
tanks, same terms.....gal. .45 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .30 - .31
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .21 - .22
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .35 - .36
Aloin, bbls., cns.....lb. 1.50 - 1.55
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
divd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.00 - 3.25
divd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
divd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; divd. N.Y. prices apply to truck or ex warehouse.

Alum, Potash—Ammo. Iodide

Alum, potash, gran., bbls., works. 100 lbs.	3.00	- 3.25
dlvd. N.Y., Phila....100 lbs.	3.15	- —
lump, bbls., works....100 lbs.	3.25	- 3.50
dlvd. N.Y., Phila....100 lbs.	3.40	- —
powd., bbls., works....100 lbs.	3.40	- 3.65
dlvd. N.Y., Phila....100 lbs.	3.55	- —
Potash alum prices on same basis as those for ammonia alum.		
Potash-chrome, bbls.....lb.	.07	- .07½
Soda, bbls., c.l., works..100 lbs.	3.25	- —
l.c.l., dlvd.....100 lbs.	4.25	- 5.00
Alumina acetate, CP, 20% solut., bbls..lb.	.09	- .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb.	.05	- —
12,000 to 40,000 lbs., works..lb.	.06	- —
1,100 to 11,000 lbs., works..lb.	.07	- —
140 to 875 lbs., works.lb.	.08	- —
100 lbs. or less, works.lb.	.09	- —
cryst., com'l, dms., c.l., works..lb.	.06	- —
l.c.l., dms., works.....lb.	.06½	- —
solution, 32 deg., cbys., c.l., works..lb.	.02¾	- —
l.c.l., cbys., works.....lb.	.03¼	- —
Hydrate, heavy, bbls., c.l., works..lb.	.0290	- —
less car lots, works....lb.	.03½	- —
light, bbls., dlvd.....lb.	.13	- —
Oleate, dms., contr.....lb.	.16¾	- —
open order.....lb.	.17½	- .18½
Palmitate, precip., bbls.....lb.	.23	- —
Resinate, precip., dms.. dlvd.lb.	.15	- —
Alumina stearate, precip., bbls., ctns., c.l..lb.	.19	- —
l.c.l., ton.....lb.	.20	- —
less than ton.....lb.	.21	- —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs.	1.80	- —
l.c.l., works, frt. equald.. 100 lbs.	1.60	- —
bbls., c.l., works, frt. equald 100 lbs.	1.55	- —
l.c.l., works, frt. equald. 100 lbs.	1.80	- —
Iron-free, bgs., c.l., works, 100 lbs.	2.00	- —
l.c.l., works.....100 lbs.	2.25	- 2.40
truckload, dlvd, met. N.Y. 100 lbs.	2.40	- —
10 to 24, dlvd. met. N.Y. 100 lbs.	2.55	- —
5 to 9, dlvd. met. N.Y.. 100 lbs.	2.80	- —
1 to 4, dlvd. met. N. Y. 100 lbs.	3.30	- —
bbls., c.l., works.....100 lbs.	2.20	- —
l.c.l., works.....100 lbs.	2.45	- —
truckloads, dlvd., met. N.Y. 100 lbs.	2.60	- —
10 to 24, dlvd. met. N.Y. 100 lbs.	2.75	- —
5 to 9, dlvd., met. N.Y. 100 lbs.	3.00	- —
1 to 4, dlvd. met. N.Y. 100 lbs.	3.50	- —
Aluminum, 98-99%, dms., c.l...lb.	.20	- —
l.c.l. .....lb.	.21	- —
powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below).....lb.	.90	- —
3,000-30,000 lbs., same basis..lb.	.92	- —
Aluminum, powder, dry, lining, ext. fine, dms., 1,000-3,000 lbs., same basis. lb.	.95	- —
less than 1,000 lbs., same basis..lb.	1.00	- —
standard, dms., 30,000 lbs., same basis..lb.	.55	- —
3,000-30,000 lbs., same basis..lb.	.57	- —
1,000-3,000 lbs., same basis..lb.	.60	- —
less than 1,000 lbs., same basis..lb.	.65	- —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb.	.41	- —
3,000-30,000 lbs., same basis..lb.	.42	- —
1,000-3,000 lbs., same basis..lb.	.46	- —
less than 1,000 lbs., same basis..lb.	.51	- —
ext. fine, dms., 30,000 lbs., same basis..lb.	.45	- —
3,000-30,000 lbs., same basis..lb.	.47	- —
1,000-3,000 lbs., same basis..lb.	.50	- —
less than 1,000 lbs., same basis..lb.	.55	- —
standard, dms., 30,000 lbs., same basis..lb.	.40	- —
3,000-30,000 lbs., same basis..lb.	.42	- —
1,000-3,000 lbs., same basis..lb.	.45	- —
less than 1,000 lbs., same basis..lb.	.50	- —
wallpaper, dms., 30,000 lbs., same basis..lb.	.40	- —
Aluminum powder, dry, litho., wall-paper, dms., 3,000-30,000lbs, same basis. lb.	.42	- —
1,000-3,000 lbs., same basis..lb.	.45	- —
less than 1,000 lbs., same basis..lb.	.50	- —
rubber comp., dms., 30,000 lbs., same basis..lb.	.39	- —
3,000-30,000 lbs., same basis..lb.	.41	- —
1,000-3,000 lbs., same basis..lb.	.44	- —
less than 1,000 lbs., same basis..lb.	.49	- —
unpolished, standard, dms., 30,000 lbs., same basis .....lb.	.35	- —
3,000-30,000 lbs., same basis..lb.	.37	- —
1,000-3,000 lbs., same basis..lb.	.40	- —
less than 1,000 lbs., same basis..lb.	.45	- —
varnish, ext. brilliant, dms., 30,000 lbs., same basis..lb.	.41	- —
3,000-30,000 lbs., same basis..lb.	.43	- —
1,000-3,000 lbs., same basis..lb.	.46	- —
less than 1,000 lbs., same basis..lb.	.51	- —
ext. fine, dms., 30,000 lbs., same basis..lb.	.45	- —
3,000-30,000 lbs., same basis..lb.	.47	- —
1,000-3,000 lbs., same basis..lb.	.50	- —
less than 1,000 lbs., same basis..lb.	.55	- —
standard, dms., 30,000 lbs., same basis..lb.	.40	- —
3,000-30,000 lbs., same basis..lb.	.42	- —
1,000-3,000 lbs., same basis..lb.	.45	- —
less than 1,000 lbs., same basis..lb.	.50	- —
paste, fine, lining, dms., 30,000 lbs., same basis, lb.	.65	- —
3,000-30,000 lbs., same basis..lb.	.67	- —
1,000-3,000 lbs., same basis..lb.	.70	- —
less than 1,000 lbs., same basis..lb.	.75	- —
extra dms., 30,000 lbs., same basis..lb.	.70	- —
3,000-30,000 lbs., same basis..lb.	.72	- —
1,000-3,000 lbs., same basis..lb.	.75	- —
less than 1,000 lbs., same basis..lb.	.80	- —
ink, dms., 30,000 lbs., same basis..lb.	.80	- —
3,000-30,000 lbs., same basis..lb.	.82	- —
1,000-3,000 lbs., same basis..lb.	.85	- —
less than 1,000 lbs., same basis..lb.	.90	- —
ink, dms., 30,000 lbs., same basis..lb.	.75	- —
3,000-30,000 lbs., same basis..lb.	.77	- —
1,000-3,000 lbs., same basis..lb.	.80	- —
less than 1,000 lbs., same basis..lb.	.85	- —
standard, dms., 30,000 lbs., same basis..lb.	.43	- —
3,000-30,000 lbs., same basis..lb.	.45	- —
1,000-3,000 lbs., same basis..lb.	.48	- —
less than 1,000 lbs., same basis..lb.	.53	- —

Aluminum powder and paste prices, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb, from 3,000-30,000 lb. prices; 5,000 lbs., ½c. from 30,000 lb. prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb. from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.	22.00	-35.00
Amidopyrene, fib., dms., 100 lbs.. lb.	4.00	- —
bots., 5 lbs.....lb.	4.23	- 4.25
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works..lb.	.04½	- —
refrigeration, tanks, works..lb.	.05½	- —
pure, cyls., dlvd., met. N.Y. lb.	.16	- .23

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb.	.26	- .33
Aldehyde, dms.....lb.	.65	- .70
Aqua, 26°, cbys.....lb.	.05¼	- —
dms., c.l.....lb.	.02¾	- —
l.c.l., ...lb.	.02½	- —
tanks (on NH_3 content)...lb.	.04½	- —
tankwagons .....lb.	.02	- —
Benzoate, dms., 4,000 lbs. or more..lb.	.41	- .42
1,000 lbs. to 3,900 lbs....lb.	.42	- .43
900 lbs. or less.....lb.	.45	- .46
kgs., 4,000 lbs. or more...lb.	.40	- —
1,000 lbs., to 3,900 lbs...lb.	.41	- —
900 lbs. or less.....lb.	.44	- —
Bicarbonate, bbls., c.l., works, 100 lbs.	5.15	- —
l.c.l., dlvd. N.Y....100 lbs.	5.71	- —
Bifluoride, bbls.....lb.	.16	- .18
Borate, bbls., kgs.....lb.	.15	- .16
Bromide, gran., bbls.....lb.	.35	- —
bxs. .....lb.	.38	- .39
kgs. .....lb.	.36	- —
Carbonate, tech., dom., bbls..lb.	.09	- .12½
imported, csks.....lb.	.08	- .12¾
USP, lump, dms.....lb.	.09	- .11
powd., bbls., dms.....lb.	.09	- —
Chloride, tech. (see Ammoniac, sal)		
USP, gran., bbls.....lb.	.11	- .18
kgs. .....lb.	.15	- —
Citrate, dms.....lb.	.80	- —
cns. .....lb.	.85	- —
Fluoride, bbls.....lb.	.17	- .19
Hydroxide (see Ammonia, aqua).		
Hypophosphite, tin., ams.....lb.	1.10	- 1.17
jars .....lb.	1.20	- —
Iodide, 5-lb. bots.....lb.	3.32	- —
jars .....lb.	3.25	- —

NEOSPECTRA
MARK II

A revolutionary High-Color Carbon Black especially adapted for use with

SYNTHETICS

Characteristics

- Easier to grind than other blacks of the same color intensity. Can be ground in both high and low acid type synthetic varnishes.
- Requires no dispersing agent.
- Gives low viscosities.
- Produces brilliant black film with depth of color on the blue side.
- Suitable to all types of grinding mills.

BINNEY & SMITH CO.

Specialists in Carbon Black, Bone Black and Oxides of Iron

41 East 42nd St., New York, N. Y.

COLUMBIAN CARBON CO.

Ammonia, laurate, bbls.....lb. .10 - —
Linoleate, 50%, anhyd., bbls..lb. .11 Nom.
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bbls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works..unit-ton. 1.20 & .70
pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Mar. June divy., dlvd., Ill., Ind., Mich., Ohio..ton.25.00 - —
f.o.b. cars Atlantic, Gulf ports..ton.27.00 - —
Birmingham, A l a . . . ovens..ton.27.00 - —
Northern ovens..ton.25.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y..ton.26.00 - —
dbl. bgs., export, f.a.s. N.Y., ton. No prices
Sulphide, liquid, dms., works.lb. .12 - .15
tanks, delvd.....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls. c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - .0620
import, gran., csks.....lb. 5.00 - .0620
white, gran., dom., bbls., contracts, works..100 lbs. 5.00 - 5.05
import, csks.....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, works.....lb. .10½- —
ex pentane, dms., frt., alld., lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .65 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .35 - .38
twisted, bls.....lb. .48 - .50
Angostura bark, bls.....lb. .35 - .36
Aniilin oil, dms.....lb. .15 - .16
tanks .....lb. .14 - —
Salt, dms., works.....lb. .22 - .24
Anise, Russian, bgs.....lb. .09½- .11
Spanish, bgs.....lb. .13 - .13½
Star, bgs.....lb. .11½- .12
Anisic aldehyde, bots.....lb. 2.90 - 3.10
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07½- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .16½- —
Chinese, duty paid.....lb. .16¾- —
Needle, powd., bbls.....lb. .15½- .18
Oxide, dom., bbls., c.l.....lb. .16½ Nom.
l.c.l. .....lb. .16¾ Nom.
Import, bbls. .....lb. .16¾ Nom.
Salts, 65%, kgs.....lb. .22 - .25
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Arohil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, crude, 30%, csks.....lb. .07 - .09
80-85%, csks.....lb. .16 - .18
Arnica flowers, bls.....lb. .28 - .29
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestine (see Talc. N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y..lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton36.50 - —
Cuban A., bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
Asphaltum, Cuban, B, bgs., c.l., f.o.b. N.Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points. ton.32.90 - —
seconds, bgs., c.l., Western shipt. points.....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery. gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery....gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.42.00 - —
99%, 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs., bbls., c.l. works. ton.52.50 -57.50
l.c.l., works.....ton.57.50 -62.50
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls...lb. .19 - —
dms. .....lb. .20 - —
tech., dom., cryst., bbls., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line. ton.72.00 -74.00
l.c.l., same basis....ton.85.00 -87.00
Zone 2, bgs., bbls., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.....ton.76.00 -78.00
l.c.l., same basis....ton.89.00 -91.00
Zone 3, bgs., bbls., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 -84.00
l.c.l., same basis....ton.95.00 -97.00
Zone 4, bgs., bbls., c.l., dlvd. Wash., Ore., Calif., Nev..ton.78.00 -80.00
l.c.l., same basis....ton.91.00 -93.00
Barium, dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex wrhse., Boston. ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex wrhse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex wrhse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .71½Nom.
Bayberry bark, bgs.....lb. .35 - .40
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., cbys., dms. lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. 1.25 - —
5 to 25 lbs.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .46 - .47
Benzyl acetate, f.f.c., bots....lb. .56 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .10 - .11
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .25 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanapthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.77 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots....lb. 1.35 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.75 - —
Subbenzoate, 5-lb. bots.....lb. 3.37 - —
cns. .....lb. 3.25 - —
Subcarbonate, cns.....lb. 1.50 - —
fib. dms., kgs.....lb. 1.40 - —
X-ray, 5-lb. bots.....lb. 2.72 - —
fib. dms.....lb. 2.60 - —
Subgallate, cns.....lb. 1.60 - —
fib. dms.....lb. 1.50 - —
Subiodide, cns.....lb. 1.40 - —
fib. dms.....lb. 1.30 - —
Subnitrate, powd., bots., bbls., fib., dms..lb. 1.30 - —
cns. .....lb. 1.40 - —
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.62 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.57 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l. frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)..lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse...lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —

Ammo. Laurate—Borax

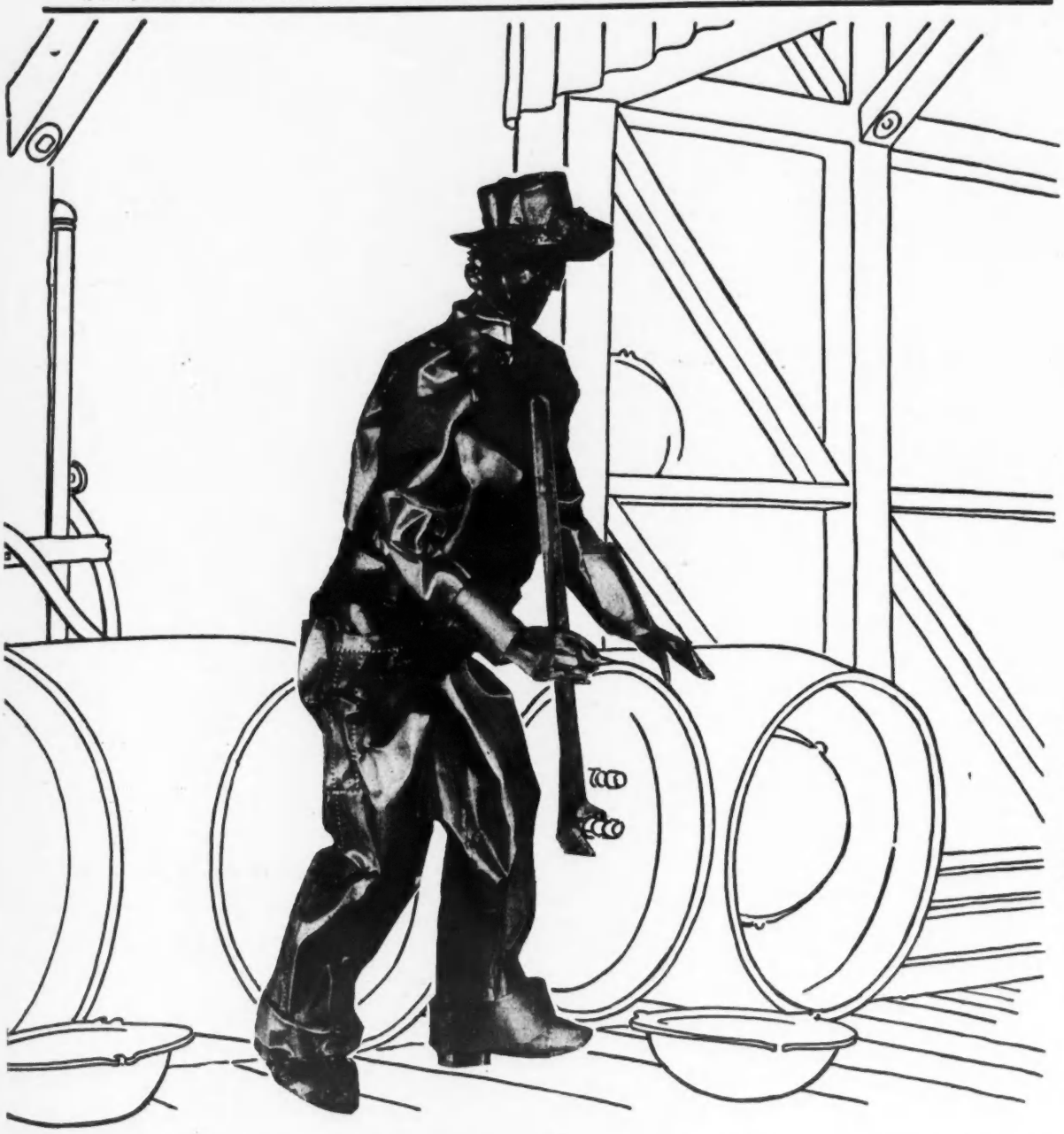
Black, lamp, import., 4, bbls., c.l., f.o.b., N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
E, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .23 - .25
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.75 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.75 - —
import, bgs., c.i.f. ports, Mar.-Apr. shipt..unit-ton. 3.75 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 4.75 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open door.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, bbls., same basis....lb. .26 - —
6, cobalt, A, same basis..lb. .23 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 5.35 - —
16-25, same basis.100 lbs. 5.60 - —
6-15, same basis...100 lbs. 5.70 - —
3-5, same basis...100 lbs. 5.95 - —
1-2, same basis...100 lbs. 6.10 - —
monohydrated, dms., c.l. dealers..lb. .08½- .09
l.c.l., dealers.....lb. .09½- .10
Bluestone (see Blue vitriol).
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -30.00
c.i.f., Atlantic ports..ton.36.25 - —
S.A., bgs., c.i.f. ports.ton. No prices.
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.20.00 -23.00
import, 100-lb. bgs., c.i.f. ports, Apr. shipt..ton.26.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.20.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.25.50 - —
Borage flowers, bls.....lb. .21 - .25
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.

Bordeaux Mixt.—Carbon Tet.

Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas	lb.	.10 - —
consumer, dms., same basis	lb.	.10½- —
l.c.l., dealers, dms., same basis	lb.	.10¾- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.		
Borneol, bots	lb.	1.75 - 2.00
cns	lb.	1.50 - —
Brazilwood extract (see Hypernic).		
Brimstone (see Sulphur).		
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies	lb.	.30 - —
single pkg., same basis	lb.	.35 - —
Bromoform, USP, bots	lb.	1.40 - 1.60
Bronze powder, aluminum (see A).		
Gold, litho, cns., dms., over 10 lbs.	lb.	.40 - .65
moulding, cns., dms., over 10 lbs.	lb.	.65 - .90
printing ink, cns., dms., over 10 lbs.	lb.	.70 - 1.10
radiator, cns., dms., over 10 lbs.	lb.	.45 - .50
Broomtop, bls	lb.	.11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works	lb.	.12¼- —
Metallic, bbls., works	lb.	.0215- —
paper bgs., c.l., works	lb.	.02 - —
Sienna, burnt, American, bbls., works	lb.	.03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points	lb.	.12 - —
2, bbls., same basis	lb.	.11 - —
3, bbls., same basis	lb.	.10 - —
Brown, Sienna, burnt Ital., 4, bbls., same basis	lb.	.08½- —
5, bbls., same basis	lb.	.08½- —
6, bbls., same basis	lb.	.08 - —
7, bbls., same basis	lb.	.07¾- —
8, bbls., same basis	lb.	.07½- —
9, bbls., same basis	lb.	.07 - —
10, bbls., same basis	lb.	.06¾- —
11, bbls., same basis	lb.	.06½- —
12, bbls., same basis	lb.	.06 - —
13, bbls., same basis	lb.	.05¾- —
14, bbls., same basis	lb.	.05¼- —
raw, American, bbls., works	lb.	.02¾- —
Italian, 1, bbls., f.o.b. N.Y. or works	lb.	.12½- —
2, bbls., same basis	lb.	.10¾- —
3, bbls., same basis	lb.	.10¾- —
4, bbls., same basis	lb.	.09¼- —
5, bbls., same basis	lb.	.08¾- —
6, bbls., same basis	lb.	.08¼- —
7, bbls., same basis	lb.	.07½- —
8, bbls., same basis	lb.	.07 - —
9, bbls., same basis	lb.	.06¾- —
10, bbls., same basis	lb.	.05¾- —
11, bbls., same basis	lb.	.04¾- —
Umber, American, bbls., works.	lb.	.02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.	lb.	.04 - —
St. Louis	lb.	.04¾- —
ex car Los Angeles	lb.	.04½- —
ex dock Portland, San Francisco, Seattle	lb.	.04¾- —
ex whse. Boston	lb.	.04½- —
Chicago, Indianapolis, New Orleans	lb.	.04¾- —
Kansas City	lb.	.05 - —
Los Angeles, Portland, San Francisco, Seattle	lb.	.04¾- —
Minneapolis	lb.	.0485- —
Pittsburgh	lb.	.04½- —
Vandyke, bbls., l.c.l.	lb.	.05¾- —
Walnut crystals, bbls.	lb.	.05½- .06
Brucine, 100 oz., cns.	oz.	.10 - —
Sulphate, 100 oz., cns.	oz.	.07 - —
Bryonia root, bls.	lb.	.10 - .11
Buchu leaves, bls.	lb.	.80 - .85
Buckthorn bark, true, bls.	lb.	.04 - .05
Berries, bgs.	lb.	.19 - .20
Burdock root, bls.	lb.	.09½- .10
Burgundy pitch, dom., bbls., c.l., works	lb.	.03½- —
l.c.l., dlvd. E.	lb.	.05 - —
import., stands	lb.	.11 - .12
Butanes, coml., 16-32°, tanks, group 3	gal.	.02¼- .03¾
Butternut bark, bls.	lb.	.06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld.	lb.	.10 - —
l.c.l., contract, frt. alld.	lb.	.10¼- —
tanks, contract, frt. alld.	lb.	.09 - —
secondary, dms., c.l., frt. pd. E. of Rocky mts.	lb.	.08 - —
l.c.l., same terms	lb.	.08¼- —
tanks, same terms	lb.	.07 - —
Alcohol (see Alcohol).		
Aldehyde, dms., l.c.l.	lb.	.17½- —
Carbinol (see Carbinol).		
Lactate, dms.	lb.	.22½- —
Propionate, dms., dlvd.	lb.	.18 - .18½
tanks, dlvd.	lb.	.17 - —
Stearate, dms.	lb.	.25 - —
Butyric, ether, bots.	gal.	6.95 - —
cns., works	lb.	.65 - .70
dms., frt. alld. Met. N. Y.	lb.	.60 - —

C

Cadmium bromide, bots., jars	lb.	1.39 - 1.44
Iodide, bots.	lb.	3.77 - 3.82
jars	lb.	3.65 - —
Lithopone (see Yellow).		
Metals, cs.	lb.	1.05 - —
Red (see Red).		
Selenide (see Red).		
Sulphide (see Yellow).		
Caffeine, 100 lb. dms., 10,000 lbs. or more	lb.	2.05 - —
2,000 lbs., or more	lb.	2.10 - —
1,000 lbs., or more	lb.	2.15 - —
100 lbs	lb.	2.25 - —
25 lb. dms. 10,000 lbs., or more.	lb.	2.08 - —
2,000 lbs., or more	lb.	2.10 - —
1,000 lbs., or more	lb.	2.18 - —
100 lbs	lb.	2.28 - —
25 lbs	lb.	2.40 - —
10-lb. cns., 10,000 lbs., or more.	lb.	2.10 - —
2,000 lbs., or more	lb.	2.15 - —
1,000 lbs., or more	lb.	2.20 - —
100 lbs	lb.	2.30 - —
less than 100 lbs	lb.	2.45 - 2.60
5-lb. cns., 25 lbs., or more.	lb.	2.40 - —
less than 25 lbs	lb.	2.55 - 2.70
Citrated, cns	lb.	1.70 - 1.75
Hydrobromide, bots	lb.	4.82 - 4.87
Calabar beans, bgs	lb.	.15 - .16
Calamus root, bleached, cs	lb.	.45 - .50
Calcium acetate, bgs., dlvd. 100 lbs.		2.10 - —
Arsenate, dms., c.l., dealers, North and West	lb.	.06¾ —
l.c.l., dealers	lb.	.07¼- —
Southern cotton states, dealers, dms., c.l.	lb.	.06¼- —
l.c.l., dealers	lb.	.07 - —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.		
Bromide, jar	lb.	.60 - .62
Carbide, dms.	lb.	.95 - .96
Carbonate (see Chalk and Whiting)		
Chloride flake, dom., 77-88%, bgs. dms., c.l., dlvd.	ton.	22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs.		1.70 - 2.85
liquor, basis 40%, tanks, works	ton.	7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd.	ton.	20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs.		1.60 - 2.25
Gluconate, pharm. gran., powd., bbls., 125 lbs.	lb.	.50 - —
dms.	lb.	.55 - .57
cns.	lb.	.66 - .85
Glycerophosphate, fib., dms.	lb.	1.06 - —
cns., 25 lbs	lb.	1.80 - —
Hypophosphite, cns	lb.	.62 - .67
Iodide, bots., jars	lb.	3.70 - 3.95
Lactate, USP, bbls., 200 lbs.	lb.	.25 - —
Nitrate, bgs., to fert. mfrs., ex-vessel	ton.	26.10 - —
Palmitate, bbls.	lb.	.22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5 c.i.f. Atlantic ports, unit-ton.		.74 Nom.
tribasic, precip., c.l., bbls., works	lb.	.06½- —
l.c.l., bbls.	lb.	.07½- —
Resinate, precip., bbls., 1 ton.	lb.	.13 - —
smaller lots	lb.	.14 - —
Stearate, precip., bbls., ctns., c.l.	lb.	.19 - —
l.c.l., 1 ton	lb.	.20 - —
smaller lots	lb.	.21 - —
Sulphate (see Gypsum)		
Sulphide, 75%, CaS (minus 100 mesh), c.l., works	ton.	52.00 - —
l.c.l. works	ton.	56.00 - —
83/85 CaC c.l., works	ton.	58.00 - —
l.c.l., works	ton.	64.00 - —
luminous, dcm., tins, works. 100 lbs.	lb.	.85 - —
smaller lots	lb.	1.00 - —
Sulphocarbolate, bbls., 200 lbs.	lb.	.48 - —
kgs., 100 lbs.	lb.	.50 - —
Calendula flowers, bls.	lb.	.45 - .50
Calomel, bbls., fib., dms.	lb.	1.40 - 1.44
Camphor, natural, powd., cs.	lb.	.55 - .59
slabs, cs.	lb.	.55 - .59
tablets, tins	lb.	.60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs.	lb.	.50 - —
500 lbs	lb.	.51 - —
100 lbs	lb.	.52 - —
tablets, imp., cs., 2,000 lbs.	lb.	.54 - —
500 lbs.	lb.	.55 - —
100 lbs.	lb.	.56 - —
Monobromate, bxs., kgs.	lb.	1.60 - 1.65
Canada balsam (see Fir balsam)		
Canary seed, Argentine, bgs.	lb.	.06¼- .06¾
Morocco, bgs.	lb.	.06¼- .06¾
Turkish, bgs.	lb.	.06 - .06¼
Canella alba bark, bls.	lb.	.37 - .38
Cannabis herb, bls.	lb.	.18 - .20
Cantharides, Chinese, cs.	lb.	.60 - .65
powd., bxs.	lb.	.85 - .90
Russian, cs.	lb.	1.35 - 1.40
powd., bxs.	lb.	1.70 - 1.75
Capsicum (see Pepper, red).		
Caraway seed, Dutch, bgs.	lb.	.08 - .08½
Carbazole, 70-80%, dms., works.	lb.	.60 - —
90%, dms., works		.89 - —
95%, dms., ton lots, works.	lb.	.70 - —
smaller quantities, works.	lb.	.85 - —
98.5-99%, dms., ton lots, works.	lb.	.75 - —
smaller quantities, works.	lb.	.85 - —
Carbinol, butyl, norm., dms., works.	lb.	.60 - —
small lots, works	lb.	.75 - —
secondary, dms., works	lb.	.60 - —
small lots, works	lb.	.75 - —
Diethyl, dms., works	lb.	.60 - —
small lots, works	lb.	.75 - —
Carbinol, isobutyl, 128-132°, dms., c.l., works	lb.	.33 - —
l.c.l., works	lb.	.34 - —
tanks, works	lb.	.32 - —
Methylpropyl, dms., works	lb.	.60 - —
small lots, works	lb.	.75 - —
Dimethylethyl, dms., works.	lb.	.60 - —
small lots, works	lb.	.75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R.	lb.	.05 - —
l.c.l., same basis	lb.	.05¾- —
5 gal. dms., c.l., same basis.	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.04½- —
Dioxide, cyls.	lb.	.06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.	lb.	.05¼- —
l.c.l., same basis	lb.	.05¾- —
10-gal. dms., c.l., (20 tons), same basis	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
5-gal. dms., c.l. (20 tons), same basis	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.05 - —
Fire extinguisher liquid, 2c. lb. higher.		



EBG COMES CLEAN...VALVES ARE REMOVED...*The valve is the key to efficient operation in a liquid chlorine container. EBG insures efficiency by removing and carefully inspecting the valve on every container—cylinder, drum or tank car—when it is returned to the plant. This is just one of a series of carefully conducted operations—testing, checking, inspecting, washing, brushing, drying and reconditioning with special equipment... the stitches we take to save you time and trouble and guarantee you that EBG Liquid Chlorine is pure and "comes clean".*

ELECTRO BLEACHING GAS COMPANY
Main Office: 60 East 42nd Street, New York, N.Y.
Plant: Niagara Falls, N.Y.

EBG Liquid Chlorine
FIRST IN THE COUNTRY

Cardamom, bleached, cs.	lb.	1.70	- 2.00
decorticated, cs.	lb.	1.65	- 1.70
green, bgs.	lb.	1.15	- 1.25
Carvol, bots.	lb.	4.00	- 4.25
Cascara sagrada bark, bulk	lb.	.13	- .14
Case-hardening mixture, 45%, gran., dms., l.c.l.	lb.	.11¾	- —
lump, dms., l.c.l.	lb.	.10¾	- —
60%, lump, dms., l.c.l.	lb.	.09	- —
Casein, dom., 20-30 mesh, bgs, c.l., dlvd.	lb.	.18	- —
5 tons, works	lb.	.18½	- —
smaller lots, works	lb.	.19	- —
80-100 mesh, bgs., c.l., dlvd.	lb.	.18½	- —
5 tons, works	lb.	.19	- —
smaller lots, works	lb.	.20	- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd.	lb.	.19	- —
80-100 mesh, bgs., c.l., duty pd.	lb.	.19½	- —
French, 30 mesh, bgs., c.l., duty pd.	lb.	.18	- .19
Cassia, Batavia, 1, bgs.	lb.	.12¾	- .13¾
3, bls.	lb.	.07¼	- .07½
short stick, bls.	lb.	.11½	- .12
China, rolls, select, cs.	lb.	.05¾	- .06¼
broken, extra bls.	lb.	.04	- .04½
Saigon, bls.	lb.	.15½	- .16
Cassia buds, cs.	lb.	.14	- .14½
Cassia fistula, bskts.	lb.	.09	- .10
Castile soap, white, bars, cs., 40 lbs.		11.75	-12.50
powd., bbls.	lb.	.28	- .35
Castoreum, nat., cns.	lb.	15.00	-18.00
synth., bots.	lb.	19.00	- —
Castor oil (see Oil, castor).			
Pomace, dom., 5½% ammon., bgs, c.l., works	ton.	23.00	- —
import, bgs., c.l.f., ports, shipment	ton.	No prices.	
Catnep leaves, bls.	lb.	.18	- .19
Celery seed, French, bgs.	lb.	.19½	- .20
Indian, bgs.	lb.	.16½	- .17
Celluloid scrap (see Pyroxylin scrap).			
Cellulose acetate, flake, cs., works	lb.	.40	- —
Acetobutyrate, 501 lbs. and over, works	lb.	.52	- —
101 lbs., works	lb.	.58	- —
smaller lots, works	lb.	.55	- —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y.	bbl.	6.10	- —
less than 5 tons, truck dlvy.	bbl.	5.00	- —
Cerium hydrate, dms., works.	lb.	.65	- —
Oxalate, USP, bbls., works.	lb.	.28	- —
kgs., works	lb.	.30	- —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works		.02¾	- —
cks., 250 lbs., c.l., f.o.b., works.	lb.	.03¼	- —
Chamomile flowers, Hungarian, genuine, cs.	lb.	.20	- .21
Roman, bls.	lb.	.26	- .28
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	30.40	- —
Colo.	ton.	27.00	- —
Conn., Me., Mass., N. H., R. I., Vt.	ton.	30.80	- —
Ill., (except river points), Minn., Neb., Wis.	ton.	25.00	- —
Indiana	ton.	26.00	- —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)	ton.	23.00	- —
Kansas, El Paso, Tex.	ton.	24.00	- —
Michigan	ton.	27.80	- —
Ohio, Penn.	ton.	29.80	- —
Utah	ton.	34.00	- —
Willow, powd., bbls.	lb.	.06	- .07
Chestnut extract, clarif., 25% tan., bbls.	lb.	.01625	- —
tanks	lb.	.02	- —
powd., bgs., works.	lb.	.04¾	- —
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works.	ton.	9.00	- —
l.c.l., works.	ton.	9.50	-15.50
bulk, c.l., works.	ton.	6.50	- —
99.75% 200 mesh, bgs., c.l., works.	ton.	8.00	- —
l.c.l., works.	ton.	9.00	-15.00
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works.	ton.	8.50	- —
paper bgs., c.l., works.	ton.	11.00	- —
Import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.	ton.	22.00	-25.00
powd., cks., l.c.l., ex dock,	ton.	35.00	- —
ex whse.	ton.	37.50	- —
Chloral hydrate, bots., 1,000 lbs.,	lb.	.83	- .92
500 lbs.	lb.	.86	- .95
100 lbs.	lb.	.88	- .97
25 lbs.	lb.	.90	- .99
1-10 lbs.	lb.	.93	- 1.02
dms., 1,000 lbs.	lb.	.80	- —
500 lbs.	lb.	.83	- —
100 lbs.	lb.	.85	- —
Chlorine, liq., cyls., c.l., dlvd., N.Y.	lb.	.05½	- —
contracts, dlvd., N.Y.	lb.	.06½	- —
l.c.l., dlvd., N.Y.	lb.	.07½	- —
tanks, single unit, works, frt. equald. 100 lbs.		2.15	- —
multiple unit, 3 or over, wks., frt. equald. 100 lbs.		2.30	- —
2, works, frt. equald. 100 lbs.		2.55	- —
1, works, frt. equald. 100 lbs.		3.00	- —
Chloroacetophenone, tins, works.	lb.	3.00	- 3.50
Chloroform, tech., 650-lbs. drums,	lb.	.20	- —
100-lbs. dms.	lb.	.22	- —
50-lb. dms.	lb.	.25	- —
USP, 650-lb. dms.	lb.	.30	- —
100-lb. dms.	lb.	.32	- —
50-lb. dms.	lb.	.33	- —
Chloropicrin, coml., 185-lb. cyls., works, frt. equald.	lb.	.80	- —
5-lb. cyls., same basis.	lb.	1.15	- —
Chrome acetate, bbls.	lb.	.06	- .08
Cake, bulk, c.l., works.	ton.	11.00	-12.00
Green (see Green, chrome)			
Oxide (see Green, chrome oxide)			
sulphate, pearls, bxs., cns., fib. dms.	lb.	.40	- .45
powd., bxs., cns., fib. dms.	lb.	.40	- .45
scales, bxs., cns., fib. dms.	lb.	.45	- .50
Trioxide (see Acid, chromic)			
Yellow (see Yellow, chrome)			
Chrysarobin, cns.	lb.	3.25	- 3.50
Cinchona bark, chips, bgs.	lb.	.20	- .22
high test, bgs.	lb.	.45	- .50
quills, broken, bgs.	lb.	.20	- .22
long, cs.	lb.	.55	- .60
short, bgs.	lb.	.50	- .55
Ecuador, tubes.	lb.	.18	- .20
Cinchonidine, crys., small cns., 100 ozs.	oz.	.83	- —
large, cns.	100 ozs.	.87	- —
powd., cns.	100 ozs.	.80	- —
Sulphate, N.F., cns.	100 ozs.	.47	- —
Cinchonine, crys., small, cns., 100 ozs.	oz.	.54	- —
large, cns.	100 ozs.	.58	- —
powd., cns.	100 ozs.	.50	- —
Sulphate, N.F., cns.	100 ozs.	.84	- —
Cinchophen, USP., boxes, 5 lbs.	lb.	3.75	- —
bots, 1 lb.	lb.	3.27	- —
dms., 100 lbs.	lb.	3.00	- —
Cinnamic alcohol (see Alcohol, cinnamic)			
Aldehyde, f.f.c., bots.	lb.	1.55	- 2.00
Cinnamon, Ceylon, 2, bls.	lb.	.18½	- Nom.
3, bls.	lb.	.18	- .18¼
Citral, cns.	lb.	1.75	- 3.15
Citrine ointment, jars, tubes.	lb.	.75	- —
Citronellal, bots.	lb.	1.00	- 1.25
Citronellol bots.	lb.	1.80	- 2.00
Clove, Madagascar, bls.	lb.	.19	- .19½
Zanzibar, bls.	lb.	.19¼	- .19¾
Clover tops, bls.	lb.	.12	- .13
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	7.25	- —
l.c.l., works.	bbl.	8.00	- —
tanks, works.	gal.	.07	- .09
refd., bbls., c.l., works.	bbl.	7.75	- —
l.c.l., works.	bbl.	8.50	- —
tanks, works.	gal.	.08	- .10
dms., c.l., works.	dm.	6.75	- —
l.c.l., works.	dm.	7.50	- —
tanks, works.	gal.	.07	- .08
refd., dms., c.l., works.	dm.	7.25	- —
l.c.l., works.	dm.	8.00	- —
tanks, works.	gal.	.08	- .09
Cobalt acetate, bbls., dlvd.	lb.	.58	- .60
kgs., dlvd.	lb.	.65	- —
Carbonate, tech., bbls., dlvd.	lb.	1.50	- —
Chloride, dms., works.	lb.	.67¾	- .72¾
Hydrate, bbls.	lb.	1.60	- —
Linoleate, paste, 6%, dms.	lb.	.29	- —
solid, 8½%, bbls.	lb.	.31	- —
Oleate, bbls.	lb.	.28	- —
Oxide, black, kgs.	lb.	1.41	- 1.51
Resinate, fused, A, bbls.	lb.	.13	Nom.
1%, bbls.	lb.	.12½	Nom.
2%, bbls.	lb.	.13½	- —
3½%, bbls.	lb.	.16½	- —
precip., dms., dlvd.	lb.	.31½	- —
Sulphate, dms.	lb.	.51	- .58
Cocaine hydrochloride, 100 ozs., cns.	oz.	9.75	- —
Cochineal, gray, bgs.	lb.	.32	- .34
Teneriffe, silver, bgs.	lb.	.33	- .37
Cocillana bark, bgs.	lb.	.20	- .21
Cocoa butter, lumps, bgs., c.l.	lb.	.26¼	- —
Codeine, cns., 100 ozs.	oz.	11.70	- —
Hydrochloride, cns., 100 ozs.	oz.	10.50	- —
Phosphate, cns., 100 ozs.	oz.	9.00	- —
Sulphate, cns., 100 ozs.	oz.	9.50	- —
Codliver oil (see Oil, codliver)			
Cohosh, black, root, bls.	lb.	.07½	- .08
Blue, root, bls.	lb.	.06½	- .07
Colchicine, bots., 4 ozs.	oz.	25.00	- —
single ozs.	oz.	26.00	- —
Colchicum seed, bgs.	lb.	.23	- .25
Collodion, USP, dms., 325 lbs.	lb.	.12½	- —
cns., 25 lbs.	lb.	.16	- —
Flexible, USP, dms., 325 lbs.	lb.	.14½	- —
cns., 25 lbs.	lb.	.18	- —
Colocynth pulp, bls.	lb.	.70	- .75
Colombo root, bls.	lb.	.50	- .52
Coltsfoot leaves, bgs.	lb.	.08	- .09
Condurango bark, bgs.	lb.	.08	- .09
Conium leaves, bls.	lb.	.18	- .19
Copaiba balsam, Para, cns.	lb.	.47	- .49
S.A., USP, cns.	lb.	.49	- .51
Copper acetate, normal, bbls., c.l., works.	lb.	.23	- —
l.c.l., bbls.	lb.	.25	- —
Carbonate, 52-59%, bbls.	lb.	.17¼	- .17½
18-20%, bbls.	lb.	.10½	- .12½
Chloride, bbls.	lb.	.17	- .18
Cyanide, tech., bbls.	lb.	.37	- —
Iodide, bots.	lb.	4.97	- 5.02
Metal, electrolytic.	lb.	.14	- —
Oleate, precip., bbls.	lb.	.20	- —
Oxide, black, bbls., tons, works, lb.		No prices	
smaller lots, works.	lb.	No prices	
Red, com'l, 50-75%, kgs., c.l., f.o.b. N. Y.	lb.	No prices	
l.c.l., f.o.b. N. Y.	lb.	No prices	
Resinate, precip., bbls.	lb.	.18	- .19
Stearate, precip., bbls.	lb.	.35	- .40
Sulphate (see Blue vitriol)			
Copperas, cryst., gran., bgs., c.l., works.	ton.	14.00	-15.00
bbls., c.l., works.	ton.	16.00	-17.00
l.c.l., 25 or over, works.	100 lbs.	1.35	- —
5-24, works.	100 lbs.	1.50	- —
1-4, works.	100 lbs.	2.00	- —
bulk, c.l., works.	ton.	12.00	-13.00
Copra, bgs., Pacific Coast.	lb.	.0330	Nom.
Coriander seed, Morocco, bgs.	lb.	.05¼	- .05¾
bleached, bgs.	lb.	.07	- .07½
Russian, bgs., lbs.	lb.	No stocks.	
Corn sugar, tanners, bbls., dlvd. 100 lbs.		3.84	- —
ex whse.	100 lbs.	3.74	- —
Syrup, 42°, bbls.	100 lbs.	3.76	- —
43°, bbls.	100 lbs.	3.86	- —
Cornsilk, bls.	lb.	.07½	- .08
Corrosive sublimate, cryst., bxs.,	lb.	1.28	- 1.33
dms., 25 lbs.	lb.	1.20	- —
gran., powd., bxs.	lb.	1.13	- 1.18
dms., 25 lbs.	lb.	1.05	- —
Cottonroot bark, bls.	lb.	.12	- .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd. unit-ton.		1.00	- —
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	3.00	- —
5-lb. cns.	lb.	3.10	- —
1-lb. cns.	lb.	3.25	- —
1-oz. cns.	lb.	3.60	- —
less than 5 lbs., cns.	lb.	4.15	- 4.65
Cramp bark, genuine, bls.	lb.	.21	- .22
so-called, bls.	lb.	.07	- .08
Cranesbill root, bls.	lb.	.16	- .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't,	lb.	.15	- —
kgs.	lb.	.15½	- —
smaller lots, bbls.	lb.	.15½	- —
kgs.	lb.	.16	- —
Creosote, wood, beech., bots.	lb.	.70	- .75
pine, dms.	gal.	.28	- —
USP, bots.	lb.	.45	- .47
Carbonate, bots., cbys.	lb.	1.40	- 1.75
Oil, crude, tanks, works.	gal.	.13	- .13½
Coaltar solution, tanks, works	gal.	.113	- .125
refd., bbls., c.l., works.	gal.	.22½	- —
l.c.l., works.	gal.	.25	- —
tanks, works.	gal.	.18	- .18½
Cresol, USP, dms., c.l., works.	lb.	.10	Nom.
l.c.l., same basis.	lb.	.10½	Nom.
Crotonaldehyde, tech., dms., c.l., works.	lb.	.26	- —
l.c.l., works.	lb.	.30	- —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast.	lb.	.27	- —
10,000 lbs. and over, same basis.	lb.	.28	- —
2,000 lbs. and over, same basis.	lb.	.29	- —
1,000 lbs. and over, same basis.	lb.	.31	- —
200 lbs. and over, same basis.	lb.	.33	- —
Cube root, 4% rotenone prices, 5c. per lb. less.			
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.			
3% rotenone, 6c. less than powd.			
Cubeb berries, XX, bgs.	lb.	.34	- .35
powd., cs.	lb.	.38	- .39
Culver's root, bls.	lb.	.17	- .19
Cumin seed, Algerian, bgs.	lb.	.07¾	- .08¼
Indian, bgs.	lb.	.08¼	- .08¾
Morocco, bgs.	lb.	.08	- .08½
Cutch, Philippine, bls., c.l.	lb.	.04	- —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3 unit.		1.12½	- —
Atlantic ports. NH_3 unit.		1.07½	- —
Cyanide-chloride mixture, 75%, gran., dms.	lb.	.16	- .17
lump, dms.	lb.	.14	- .15

D

Damiana leaves, bls.	lb.	.14	- .16
Dandelion root, German, bls.	lb.	.28	- .30
Deertongue leaves, bls.	lb.	.25	- .30
Degras, common, dom., bbls.	lb.	.07¾	- .09
English, bbls.	lb.	.07¾	- .08
neutral, dom., bbls.	lb.	.11½	- .13
English, bbls.	lb.	.11½	- .13
Derris root, powd., 5% retenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., or Balto., frt. prepaid to West Coast ports.	lb.	.39	- —
30,000 lbs., contract or orders, basis.	lb.	.39½	- —
10,000 lbs., same basis.	lb.	.40	- —
2,000 lbs., same basis.	lb.	.41	- —
1 bbl., same basis.	lb.	.44	- —
less than 200 lbs., same basis.	lb.	.47	- —
Import contracts, 30,000 lbs.	lb.	.21½	- —
10,000 lbs.	lb.	.22	- —
4% rotenone prices 6c. per lb. less.			
Dextrin, British gum, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.60	- —
l.c.l., f.o.b. Chicago.	100 lbs.	4.60	- —
Corn, canary, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.35	- —
l.c.l., f.o.b. Chicago.	100 lbs.	4.55	- —
white, bgs., c.l., f.o.b. Chicago	100 lbs.	4.30	- —
l.c.l., f.o.b. Chicago.	100 lbs.	4.50	- —
Potato, import., bgs.	lb.	.07¾	- .08¼
Tapioca, bgs., ex whse.	lb.	.08	- —
Diamyl ether, dms., c.l., works.	lb.	.085	- —
l.c.l., works	lb.	.092	- —
tanks, works	lb.	.075	- —
Oxalate, dms., l.c.l., works.	lb.	.30	- —
Phthalate, dms., c.l., dlvd.	lb.	.19½	- —
l.c.l., dlvd.	lb.	.20	- —
tanks, dlvd.	lb.	.18½	- —
Sulphide, dms., l.c.l., works.	lb.	1.10	- —
Diamylamine, dms., l.c.l. works	lb.	.75	- —
Diamylene, dms., c.l., works.	lb.	.096	- —
l.c.l., works.	lb.	.102	- —
tanks, works	lb.	.085	- —
Dianisidin, bbls.	lb.	2.25	- 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works.	ton.	22.00	-85.00
l.c.l., ex whse.	ton.	45.00	-150.00
Import., bgs., c.l., f.o.b. N.Y.	ton.	40.00	- —
Dibutyl phthalate, dms.	lb.	.20	- —
Tartrate, dom., dms.	lb.	.35	- .40
Import., dms.	lb.	.80	- .85
Dicalcium phosphate (see Calcium phosphate, dibasic)			
Dichloroethyl ether, dms., c.l., works.	lb.	.15	- —
l.c.l., works	lb.	.16	- —
tanks, works	lb.	.14	- —
Diethanolamine, dms.	lb.	.31	- .35
Diethyl carbonate, coml., dms.	lb.	.31½	- —
refd., 99%, dms.	lb.	.50	- —
Carbinol (see Carbino)			
Phthalate, dms., c.l.	lb.	.18	- —
l.c.l.	lb.	.18½	- —
tanks	lb.	.17	- —
Diethylaniliin, dms.	lb.	.50	- —
Diethylene oxide, dms., c.l., works	lb.	.20	- —
l.c.l., works	lb.	.21	- .24
tanks, works	lb.	.19	- —
Diethyleneglycol, dms., c.l., works	lb.	.19	- —
l.c.l., works	lb.	.20	- .21
Monobutylether, dms., works.	lb.	.26	- .27
Monoethylether, dms., c.l., works.	lb.	.16	- —
l.c.l., works	lb.	.17	- —
tanks, works	lb.	.15	- —
Diethyl sulphate, dms., c.l., works.	lb.	.13	- —
l.c.l., dms., works.	lb.	.14	- —
tanks	lb.	.12	- —
Digitalis leaves, dms.	lb.	.26	- .30
Diglycol oleate, light, bbls.	lb.	.24	- —
Dillseed, recleaned, bgs.	lb.	.06½	- .07
Dimethyl phthalate, dms.	lb.	.21	- —
Dimethylaniliin, dms.	lb.	.26	- .27
Dimethylethyl carbinol (see Carbinol)			
Dinitrobenzene, bbls.	lb.	.16	- .18
Dinitrochlorobenzene, bbls.	lb.	.16¼	- .17¼
Dinitronaphthalene, kgs.	lb.	.35	- .38
Dinitrophenol, bbls.	lb.	.23	- .24
Dinitrotoluene, dms.	lb.	.14½	- .15½
oily, dms.	lb.	.09	- —
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.44	- —
600-1,950 lbs., dlvd.	lb.	.46	- —
150-450 lbs., dlvd.	lb.	.47	- —
Dip oil (see Tar acid oil)			
Dipentene, dms.	gal.	.47	- .50
tanks	gal.	.41	- —
Diphenyl, bbls., c.l., works.	lb.	.15	- —
l.c.l., works	lb.	.20	- .25
Diphenyl, oxide, bots.	lb.	.70	- 1.00
Diphenylamine, bbls.	lb.	.31	- .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.35	- —
600-1,950 lbs., dlvd.	lb.	.36	- —
150-450 lbs., dlvd.	lb.	.37	- —
Diphenylmethane, bots.	lb.	1.40	- 2.00
Disodium phosphate (see Soda phosphate, dibasic)			
Divi-divi, bgs., shipment.	ton.	34.00	Nom.
Doggrass root, cut, bls.	lb.	.13	- .14
Dogwood bark, dom., bls.	lb.	.07	- .08
Jamaica, bls.	lb.	.06½	- .07
Dover's powder, USP, cns.	lb.	2.75	- 2.80
Dragon's blood, mass, cs.	lb.	.65	- .85
reeds, thin, cs.	lb.	.90	- 1.00
Dubolsine sulphate, vls.	oz.	34.50	-35.00

Cardamom—Dyes

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—			
36 Chrome yellow 2G.	lb.	.65	- .70
40 Chrome yellow R.	lb.	.80	- 1.00
53 Victoria violet	lb.	.80	- 1.00
165 Lake red C.	lb.	1.15	- 1.25
176 Fast red A.	lb.	.60	- .75
180 Fast red VR.	lb.	1.50	- 1.65
189 Lake red R, paste.	lb.	.85	- .90
189 Lake red R, powdered.	lb.	3.00	- 3.10
202 Chrome blue black U.	lb.	.32	- .40
204 Chrome black A.	lb.	1.75	- 2.00
208 Fast red blue R.	lb.	.75	- 2.00
216 Chrome red B.	lb.	1.75	- 2.00
262 Cloth red 2B.	lb.	.60	- .80
289 Fast cyanin 5R.	lb.	.90	- 1.00
299 Chrome black F.	lb.	.60	- .65
307 Fast cyanin black B.	lb.	.80	- .85
322 Direct fast scarlet.	lb.	2.00	- 2.25
344 Paper yellow	lb.	.83	- .90
365 Chrysophenin G.	lb.	.59	- .70
381 Direct violet N.	lb.	1.25	- 1.80
382 Direct scarlet B.	lb.	1.50	- 1.75
387 Direct violet B.	lb.	1.00	- 1.20
401 Developed black BHN.	lb.	.50	- .75
406 Direct blue 2B.	lb.	.25	- .30
415 Direct orange R.	lb.	.60	- .70
419 Direct fast red F.	lb.	.75	- .85
420 Direct brown M.	lb.	1.00	- 1.10
448 Benzo purpurin 4B.	lb.	.40	- .43½
495 Benzo purpurin 10B.	lb.	.40	- .50
502 Direct azurin G.	lb.	.75	- .80
512 Direct blue RD.	lb.	.90	- 1.00
518 Direct pure blue 6B.	lb.	1.10	- 1.25
520 Direct pure blue.	lb.	.50	- 1.00
529 Direct fast black FF.	lb.	.55	- 1.00
581 Direct black EW.	lb.	.25	- .50
582 Direct black RX.	lb.	.35	- .45
596 Direct green B.	lb.	.75	- .90
604 Direct green G.	lb.	1.00	- 1.05
596 Direct brown 3GO.	lb.	.35	- 1.00
620 Direct yellow R.	lb.	1.25	- 1.80
696 Acid violet	lb.	1.00	- 4.00
812 Primulin	lb.	.50	- .52
814 Direct fast yellow.	lb.	2.00	- 2.25
945 Nigrosin (water soluble).	lb.	.25	- .50
1177 Indigo, 20 p.c. paste.	lb.	.15	- .18
Benzo fast black L.	lb.	.90	- 1.00
Sulphur black	lb.	.20	- .25
Sulphur blue	lb.	.40	- 1.00
Sulphur brown	lb.	.25	- .50
Sulphur maroon	lb.	.40	- —
Sulphur olive	lb.	.35	- .54
Sulphur tan	lb.	.30	- .50
Sulphur yellow	lb.	.20	- .50
Zambesi black	lb.	.75	- .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)			
Black:—			
885 Nigrosin derivatives.	lb.	.42	- —
Blue:—			
1075 Alizarin astrol base.	lb.	15.00	- —
1078 Alizarin cyanin green base.	lb.	6.00	- —
720 Victoria blue.	lb.	.75	- —
Browns:—			
Brown	lb.	1.15	- —
Green:—			
1078 Alizarin cyanin green.	lb.	5.00	- —
.... Green	lb.	.75	- —
Orange:—			
24 Sudan I.	lb.	.70	- —
.... Orange, red shade.	lb.	.75	- —
Red:—			
73 Sudan II.	lb.	1.05	- —
258 Sudan IV.	lb.	.95	- —
749 Rhodamine B (oil pink)	lb.	2.50	- —
1060 Anthroquinone violet base.	lb.	6.00	- —
680 Oil violet	lb.	.50	- —
Yellow:—			
15 Amidoazobenzene yellow.	lb.	.90	- —
17 Amidoazotoluene yellow.	lb.	.75	- —
61 Yellow OB.	lb.	1.40	- —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).			
Black:—			
864 Nigrosin	lb.	.40	- —
Blue:—			
729 Victoria blue	lb.	2.55	- —
860 Indulin	lb.	.70	- —
Brown:—			
831 Bismarck brown	lb.	1.80	- —
Green:—			
637 Malachite green base.	lb.	2.00	- —
Orange:—			
20 Chrysoidin G.	lb.	.95	- —
21 Chrysoidin R.	lb.	.95	- —
Red:—			
677 Fuchsin, magenta base.	lb.	7.25	- —
749 Rhodamine B.	lb.	4.75	- —
Yellow:—			
17 Amidoazotoluene yellow—low.	lb.	.75	- —
655 Auramine	lb.	2.00	- —
900 Chinolin yellow SS.	lb.	3.00	- —
Violet:—			
680 Methyl violet.	lb.	1.80	- —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).			
Black:—			
246 Naphthol blue black S.	lb.	.50	- —
865 Nigrosin	lb.	.38	- —
873 Methylene gray	lb.	1.50	- —
Blue:—			
714 Patent blue A.	lb.	1.00	- —
729 Victoria blue B.	lb.	2.00	- —
861 Indulin	lb.	.37	- —
909 New blue R.	lb.	1.30	- —
922 Methylene blue.	lb.	1.00	- —
1054 Alizarin saphirol B.	lb.	1.90	- —
1180 Indigotin IA.	lb.	.35	- —
Brown:—			
234 Resorcin brown Y.	lb.	.28	- —
235 Resorcin dark brown R.	lb.	.90	- —
281 Bismarck brown G.	lb.	.53	- —
833 Bismarck brown R.	lb.	.37	- —
798 Phosphin	lb.	4.65	- —
Green:—			
5 Naphthol green B.	lb.	1.00	- —
657 Malachite green.	lb.	1.35	- —
663 Brilliant green.	lb.	2.00	- —
666 Guinea green B.	lb.	1.15	- —
737 Wool green S.	lb.	.56	- —
924 Methylene green B.	lb.	1.55	- —
1078 Alizarin cyanin green.	lb.	2.35	- —
Orange:—			
10 Chrysoidin G.	lb.	.40	- —
21 Chrysoidin R.	lb.	.37	- —
27 Orange G.	lb.	.50	- —
151 Orange Y.	lb.	.30	- —
161 Orange R.	lb.	.34	- —
Red:—			
31 Amidonaphthol red G.	lb.	.42	- —
57 Amidonaphthol red 6B.	lb.	.60	- —
79 Ponceau R.	lb.	.42	- —
88 Fast red B.	lb.	1.05	- —
176 Fast red A.	lb.	.54	- —
179 Azorubin	lb.	.53	- —
183 Crocein scarlet 8BX.	lb.	.60	- —

Dyes—Gum, Copal

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
766 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .82 - —
681 Crystal violet C.....lb. 1.75 - —
685 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .58 - —
634 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.16 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .40 - .45
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .88 - .90
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .12 - .13
powd., bbls., bxs.....lb. .19 - .20
select, bndls., cs.....lb. .35 - .36
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls.....lb. .96 - .97
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.15 - —
smaller lots.....lb. 2.40 - —
bbls., c.l.....lb. 2.00 - —
l.c.l., 5,000 lbs, 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
kgs., c.l.....lb. 2.25 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.50 - —
smaller lots.....lb. 2.75 - —
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs., dms.....lb. 2.05 - 2.10
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.35
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylbenzylaniline, dms.....lb. .96 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works.....lb. 1.05 - —
smaller lots, works.....lb. 1.15 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.lb. .0545- —
West of Rockies, same basis .....lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld....lb. .0644- —
West of Rockies, same basis .....lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Ethyleneglycol, monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks, works .....lb. .17 - —
Ethylidinanilin, dms. .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns, dms.....lb. .60 - .65
Eucalyptus leaves, bls.....lb. .10 - .11
Eugenol, cns.....lb. 2.15 - 2.55
Euphorbia, bls.....lb. .06 - .06¼

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07 - .07½
India, bgs.....lb. .07½- .08
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04¾- .05¼
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 3.75 -13.00
Oregon, bbls.....gal. 3.00 - 3.25
Fish berries, bgs.....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 12% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton, 3.50 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.60.00 Nom.
wet, acidulated, 6-7% ammon., 2-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices.
Japanese, 11½% ammon., bgs., c.i.f. ports, April shipt..ton.52.00 - —
spot, re-sale.....ton.52.00 -55.00
Flake white, bbls., kgs.....lb. .09½- .10
Fleaseed, French, black, bgs..lb. .12 - .12½
Indian, blonde, bgs.....lb. .08 - .09
Fluorspar, enamel, 96-98%, bgs., ton. No prices.
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton. No prices.
import., bulk, Atlantic ports, duty-paid..ton. No prices.
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton. No prices.
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No Prices
Formaldehyde, bbls., c.l. works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .06¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works. lb. .15 - —
l.c.l., works .....lb. .17½- .18
Furfural, tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .16
tanks, works.....lb. .09 - —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls.....lb. .29 - .25
liquid, bbls.....lb. .06½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .08 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices
plantation, bgs.....lb. .09 - .10½
Cubes, Singapore, bgs.....lb. .09½- .10½
Extract, bbls.....lb. .08½- .10½
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07¼- —
above 65 octane, tanks.gal. .07½- —
California 56-58, 375 e.p., tanks..gal. .07½- —
Gulf Coast, US motor, bulk.. gal. .05¾- —
60-62, 390 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p , bulk, export, gal. .05¾- —
64-66, 375 e.p., bulk, export, gal. .05¾- .06
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05¾- .06
68-67 octane, tanks....gal. .06¼- .06¾
68-70 octane, tanks....gal. .06¾- .06¾
Oklahoma-Texas, U.S. motor, 62 octane and below, tanks..gal. .04¾- .05¾
63-67 octane, tanks....gal. .05¼- .05¾
68-70 octane, tanks....gal. .05¾- —
60-62, 400 e.p., tanks....gal. .04¾- .05¾
64-66, 375 e.p., tanks...gal. .05 - .05¼
natural, 12-lb. v.p., tanks gal. .05¼- .05½
14-lb. v.p., tanks.....gal. .05 - —
18-lb. v.p., tanks.....gal. .0429- .04½
22-lb. v.p., tanks.....gal. .0385- .04¼
26-70-lb., v.p., tanks..gal. .03½- .03¾
Pennsylvania, US motor, below 60 octane, tanks.gal. .05¼- —
60 octane, tanks.....gal. .06¾- —
52-54, 450 e.p., naphtha, tanks..gal. .05¼- —
54-56, 400 e.p., strt, run, tanks..gal. .05¼- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta	.205	.225
Boston	.133	.16
Chicago	.16	.18
Cincinnati	.18	.19
Denver	.17	.19
Louisville	.18	.20
Minneapolis	.164	.184
New Orleans	.20	.235
New York	.13	.146
San Francisco	.17	.18

Gelatin, silver, cs.....lb. .50 - .55
Geisemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .15 - .16
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .19
Geraniol, cns.....lb. .75 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .15¼- .15¾
Cochin, lemon, bgs.....lb. .18¼- .19¾
Jamaica, bold, bgs.....lb. .18½- .19
grinding, bright, bgs.....lb. .15½- .16
medium, bold, bgs.....lb. .15 - .15½
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 2.90 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.80
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .12⅛- —
l.c.l., dlvd.....lb. .13 - —
28/58, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
33/82, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
48/108, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
60/164, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192, bgs., c.l., same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/223, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251, bgs., c.l., same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/288, bgs., c.l., same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .31 Nom.
resellers, cns., l.c.l.....lb. .38 Nom.
dms., extra, c.l.....lb. .29 Nom.
l.c.l. .....lb. .29½ Nom.
dynamite, dms., extra, c.l.....lb. .29 Nom.
l.c.l. .....lb. .29½ Nom.
saponification, basis 88%, dms. returnable, dlvd..lb. .29 Nom.
soaplye, basis 80%, dms, returnable, dlvd..lb. .27 Nom.
yellow, distilled, dms. extra, c.l. lb. .28¼ Nom.
l.c.l. .....lb. .29½ Nom.
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .23 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.18.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. No stocks
Golden seal root, bls.....lb. 3.00 - 3.15
powd., bxs.....lb. 3.30 - 3.45
Grains of paradise, bgs.....lb. .25 - .26
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
50% graphitic carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .08½- .09¾
white, trcs.....lb. .08¾- .10
yellow, trcs.....lb. .08½- .09¾
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c., El Paso, 2c.), Cedar Rapids, Des Mones, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up 5%, bbls., same basis.lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
chrome, oxide, dom., pure, bbls. .20 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
import, bbls., kgs., f.o.b. N.Y..lb. .21 Nom
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.05 - 1.92
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .75 - .80
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs..lb. .10½- .11
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .14 - .15
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.05 - 1.85
Sumatra, cs.....lb. .17 - .18
Camphor (see C)
Chicle, bgs.....lb. .40 - .60
Gum copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .44 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .27½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .27½- —
4, pale bold straw, bgs., c.l., same basis..lb. .18½- —
5, pale straw bold, bgs., c.l., same basis..lb. .16¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .14½- —
7, pale straw bold, bgs., c.l., same basis..lb. .12¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13¾- —
9, medium light amber bold, bgs., c.l., same basis..lb. .11½- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .07¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .09¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .06¼- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .17¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¼- —
17, pale fingers, bgs., c.l., same basis..lb. .05¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .16¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .10 - —
21, ordinary selected nubs, c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06 - —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05½- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .05¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .12¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .05½- —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05¼- —
East India, Batu, bold scraped, bgs., c.l., same basis.lb. .06 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis.lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust, bgs., c.l., same basis lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03¾- —
nubs, bgs., c.l., same basis.lb. .10¾- —
Manila, Boeas, amber and dark, bakts., c.l., same basis..lb. .14 - —
light, bakts., c.l., same basis..lb. .18½- —
lobs A, bakts., c.l., same basis..lb. .09¾- —
B, bakts., c.l., same basis.lb. .09¼- —
C, bakts., c.l., same basis.lb. .06¾- —
CNE, bakts., c.l., same basis..lb. .08 - —
D, bakts, c.l., same basis lb. .08¾- —
DK, bakts., c.l., same basis lb. .08 - —
DU, bakts., c.l., same basis lb. .08¾- —
dust, bakts., c.l., same basis. lb. .06¼- —
Sambas and white split chips, bakts., c.l., same basis..lb. .13¼- —
Singapore, dust, bakts., c.l., same basis..lb. .06½- —
spirit, soluble, CBB, baskts., c.l., same basis.. .08¾- —
DBB, bakts., c.l., same basis lb. .08¾- —
MA, bakts, c.l., same basis. lb. .07¼- —
MB, bakts., c.l., same basis. lb. .06¾- —
WS, bakts., c.l., same basis. lb. .06¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .03¼- —
small, bakts., c.l., same basis..lb. .07½- —
extra pale sorts, bakts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06¼- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l., same basis lb. .14 - —
chips, bgs, c.l., same basis.lb. .11¼- —
nubs, bgs., c.l., same basis.lb. .13½- —
split, bgs., c.l., same basis.lb. .14½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23½- —
A/D, cs., c.l., same basis.lb. .18½- —
A/E, cs., c.l., same basis.lb. .15¼- —
B, cs., c.l., same basis...lb. .22½- —
C, cs., c.l., same basis...lb. .18½- —
D, cs., c.l., same basis..lb. .15¾- —
dust, cs., c.l., same basis.lb. .06½- —
E, cs., c.l., same basis..lb. .08½- —
F, cs., c.l., same basis...lb. .06¼- —

Gum, dammar, Singapore, 1, cs., c.l., same basis..lb. .18 - —
2, cs., c.l., same basis....lb. .15 - —
3, cs., c.l., same basis...lb. .05¾- —
chips, cs., c.l., same basis.lb. .10¾- —
dust, cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .08½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., divd. lb. .11½- —
c.l., single shipment, divd. lb. .11½- —
l.c.l., 3,000 lbs., single shipment, divd..lb. .11¾- —
smaller lots, divd.....lb. .12 - —
Euphorbium, cs.....lb. .17 - .19
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .60
powd., bbls.....lb. .65 - .68
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Gualac resin).
Karaya XXX, bbls., bxs., dms. lb. .24 - .26
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .23 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .67 - .68
Myrrh, USP, cs.....lb. .65 - .75
Olibanum, siftings, cs.....lb. .07 - .09
tears, cs.....lb. .12 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .09¾- .10¼
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs.12.00 Nom.
strained, bbls.....280 lbs.12.00 Nom.
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 2.80
2, cs.....lb. 2.35 - 2.40
3 cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.00 - 2.05
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis,lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.50
Hellebore, white, root, powd., bbls.lb. .12 - .18
Helonias root, bls.....lb. .87 - .88
Hematine crystals, bbls.....lb. .10 - .24
Hemlock extract, 25% tan., bbls.lb. .03½- —
tanks.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .22 - .28
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..al. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09¾- —
normal, 96-100°C., dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.....lb. .10 - —
l.c.l., same terms.....lb. .10½- —
tanks, same terms.....lb. .09 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.25 - —
Hops, dom., 1935 crop, bls.....lb. .26 - .52
import., 1935 crop, bls.....lb. .55 - .80
Horehound, bls.....lb. .07 - .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.17.00 -17.25
Hydrochloride, vls.....oz.17.00 -17.25
Sulphate, vls.....oz.19.00 -19.25
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —

Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls...oz.18.00 -18.25
Hyoscyamine, vls.....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .13 - .14
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. 1.00 - 1.10
powd., bxs.....lb. 1.10 - 1.20
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .20 - .21
Iron acetate, CP, 17% solut., bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .03 - .03
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns. lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iron, Iodide, bots.....lb. 2.85 - 3.00
syrup, dms.....lb. .57 - .60
bots.....lb. .52 - —
Nitrate, comi., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04½- .04⅝
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .48
green, gran., cns.....lb. .37 - .39
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .48
Oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l. same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

Gum, Dammar—Kerosene

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .21 - .23
Juniper berries, bgs.....lb. .06½- .08

K

Kamala, tins.....lb. .45 - .50
Kava kava root, bls.....lb. .21 - .25
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .05¾- —
Gulf ports, p.w., bulk, export.gal. .05 - —
w.w., bulk, export.....gal. .05½- .05¾
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- 04½
Oklahoma-Texas, 41-43 w.w. tanks..gal. .04½- .04¾
42-44 w.w., tanks.....gal. .04¾- .04⅝
Pennsylvania, 45 w.w., tanks. gal. .05½- —
46 w.w., tanks.....gal. .05¾- —
47 w.w., tanks.....gal. .05⅝- —
Kerosene, tankwagon:—
Atlanta.....gal. .14¾- —
Boston.....gal. .07½- —
Chicago.....gal. .101 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .10½- —
New Orleans.....gal. .11 - —
New York.....gal. .07½- —
San Francisco.....gal. .115 - —

As astronomers have searched the Heavens for new stars and constellations ever since man knew enough to be curious about the unknown, so science has trained its glass upon Chemistry in quest of new products and new uses for old. It was such curiosity that found the Furans in as unpromising a material as oat hulls. Today these chemicals serve industries of many kinds. Not the least brilliant of these Stars is—

This water white compound is useful in refining processes—as a solvent—in other ways. It is the first time that Tetrahydrofurfuryl alcohol has really been available in commercial quantities and industry's first opportunity to avail itself of its many advantages to you as a manufacturer. We will gladly study your problem with a view to ascertaining whether this chemical agent can improve your present methods. Your request for specific information will be promptly answered. Please ask us for booklet, "The Furans."

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Technical Division B-3 **Chicago, U. S. A.**

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By.....
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City..... State.....

FURFURAL - FURFURYL ALCOHOL - HYDROFURAMIDE
... TETRAHYDROFURFURYL ALCOHOL ...

COMMERCIAL PLUG

People see the TOPS of paint cans as well as the side, so why not lithograph a message there? You can do it if you use Canco's DOUBLETITE can. The plug of this can has gone "commercial". The new design leaves the greatest possible space for a sales message . . . Let us tell you some of our ideas for using this space to sell companion items such as putty, brushes, etc.

AMERICAN CAN COMPANY • 230 PARK AVENUE • NEW YORK CITY

CANCO

DOUBLETITE

Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .11 - .12

L

Lady slipper root, bls.....lb. .42 - .45
Lanolin (see Adeps lanae).
Lard, city tubs.....100 lbs.12.75 -13.00
Middlewestern, trcs....100 lbs.12.60 -12.70
Western, choice, trcs..100 lbs.12.70 -12.80
Compound, trcs.....100 lbs.13.25 -13.50
Neutral, trcs.....100 lbs.13.50 -13.75
Larkspur seed, bgs.....lb. .26 - .28
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .06 - .06½
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .60 - .75
Lead acetate, white, broken, bbls..lb. .11½- —
cryst., bbls .....lb. .11½- —
gran., bbls.....lb. .12¼- —
powd., bbls.....lb. .12¾- —
Lead, arsenate, dms., dealers, E. of Rockies..lb. .10½- —
W. of Rockies.....lb. .10½- —
1,000 lbs. or more, dealers, dms., E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .10¾- —
less than 1,000 lbs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic, sulphate, bbls., c.l., dlvd., E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .08 - —
l.c.l., dlvd., E.....lb. .07¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .08¼- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .21 - —
5 lb. cont., f.o.b. works..lb. .24 - —
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. Mex., Wyo.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd., Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .10 - —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
smaller lots, dlvd. Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., etc.....lb. .11¼- —
other points.....lb. .10¾- —
98%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .10¼- —
other points.....lb. .10 - —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
smaller lots, dlvd. Ala., etc..lb. .11¼- —
Ariz., etc.....lb. .11¾- —
Colo., etc.....lb. .11½- —
other points.....lb. .11 - —
in oil, steel kegs, 1,000 lbs..lb. .11¾- —
500 lbs.....lb. .12 - —
smaller lots.....lb. .12¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .12½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy, dlvd. .....lb. .10¼- —
smaller lots.....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .08½- —
other points.....lb. .08¼- —
l.c.l. dlvd. Ariz., etc..lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07¾- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .11¾- —
500 lbs., dlvd.....lb. .12 - —
smaller lots, dlvd.....lb. .13 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa...ton. 8.00 - —
Lime, chemical (quicklime), jump or pebble, bulk, f.o.b. Chicago.....ton. 7.25 - —
Crab Orchard, Tenn.ton. 9.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 9.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Ten.....ton. 8.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex. .....lb. .07½- .08¼
dms., same basis.....lb. .10½- —
400 lbs. or more, bgs, same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09¼
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .16½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.60 - 2.35
Linden flowers, with leaves,bls.lb. .16 - .17
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.27.00 - —
Meal, 32%, dom., bgs.....ton.37.50 -38.50
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
other points.....lb. .08½- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .09¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .09¾- —
Colo., Mont., N. Mex., Wyo..lb. .09½- —
other points.....lb. .09 - —
smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Iodide, bots.....lb. 4.85 - —
jars .....lb. 4.70 - —
Fluoride, bbls.....lb. 2.00 - 2.50
Lithopone,dom.,high-strength,bgs., 1,000 lbs., dlvd. E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 1,000 lbs., same basis..lb. .04½- —
smaller lots, same basis.lb. .04½- —
bbls., 1,000 lbs., same basis..lb. .04½- —
smaller lots, same basis lb. .04¾- —
titanated, bgs., 1,000 lbs., same basis..lb. .05¼- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08½- .10½
solid, bxs.....lb. .13½- .17
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin N.F., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.05 - 1.10

M

Mace, Banda, cs.....lb. .62 - .64
Batavia, cs .....lb. .48 - .49
Slauw 1. cs.....lb. .56 - .57
Madder, Dutch, sgs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,-four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .26 - —
1-lb. pkgs., same basis.lb. .28 - —
light, bbls., same basis.lb. .22 - —
1-lb. tins, same basis.lb. .32 - —
USP, heavy, bbls., same basis. lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06¼
USP, bbls., c.l.....lb. .06¼- .09
Chloride, flake, dom., bbls., works..ton39.00 -42.00
Hypophosphite, cns.....lb. 1.45 - 1.60
Oxide (see Calcined)
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite,cal., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton.24.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .13 - .14
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .23
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cans., 100 lbs..lb. 2.90 - 2.95
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls....lb. .19 - —
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 5½%, bbls..lb. .06½- .06¾
precip., dms.....lb. .12 - —
Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
cryst., 95% $MnSO_4$, bgs., c.l., dlvd. South.....ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works..lb. .06½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt., ton.28.00 -27.00
Manna, flake, large, cs.....lb. .36 - .37
small, cs.....lb. .21 - .22
Mannitol, pure, cryst., cs., works lb. 1.48 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16½- .17
Tunisan, bls.....lb. .16 - .16½
Matico leaves, bls.....lb. .29 - .30
Menthol, cs.....lb. 3.30 - 3.40
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails. lb. .37 - .39
50%, pails.....lb. 1.26 - 1.28
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.55 - 3.60
Yellow, kgs., jars.....lb. 3.65 - 3.70
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl....lb. 1.49 - —
USP, dms., kgs.....lb. 1.91 - —
Mercury and chalk, kgs.....lb. .90 - .91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3⅜x3⅜ in.pkg.14.50 -15.00
3⅜x3⅜ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5⅞ in.....pkg.21.50 -22.00
3⅞x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .67 - .68
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld..gal. .53 - —
contracts .....gal. .50 - —
tanks, frt. alld.....gal. .48 - —
contracts, frt. alld....gal. .45 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.

Kerosene—Michler's Ketone

Methanol, 97%, 1c. less than pure, all zones, frt. alld.
Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16¼- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17¼- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld. .....lb. .29½- —
Acetone, dms., c.l., contracts, Zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .49 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt. alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2¼c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies, gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
Zone 2, frt. alld. E. of Rockies..gal. .59½ —
Zone 3, Pacific Coast..gal. .58 - —
tanks, Zone 1, frt. alld. E of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies, gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.00
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, cylrs.....lb. .37 - .43
Cinnamate, bots.....lb. 3.30 - 3.75
Formate, dms.....lb. .85 - .90
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .42
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11¼- —
l.c.l., same terms.....gal. .12 - —
tanks, same terms.....gal. .10¼- —
Methylene, blue, medicl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .12 - —
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.37.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .75 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers, extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 46 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 160 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
200, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh., pure white, bgs., c.l., dlvd., E. of Miss R..100 lbs. 4.50 - —
W. of Miss. R...100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss. R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —

Milk Powder—Oil, Fennel

Milk powder, skimmed, roller, bbls., c.l.	lb.	.10¼- —
l.c.l.	lb.	.11½- —
spray, bbls., c.l.	lb.	.11 - —
l.c.l.	lb.	.12 - —
unskimmed, roller, bbls., c.l.	lb.	.21½- .22
l.c.l.	lb.	.22 - .22½
spray, bbls., c.l.	lb.	.21½- .22
l.c.l.	lb.	.22 - .22½
Millet seed, bgs.	lb.	.03½- .04
hulled, bgs.	lb.	.06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).		
Molasses, blackstrap, tanks.	gal.	.07¼- —
New Orleans	gal.	.07 - —
Molybdenum metal, kgs., 99% powd.	lb.	2.50 - 2.75
Monoamylamine, dms., l.c.l., works.	lb.	1.00 - —
Monochlorobenzene, dms.	lb.	.06 - .08½
l.c.l., dms., same basis.	lb.	.30 - —
Monoethanolamine, dms., c.l., works.	lb.	.31 - —
l.c.l., dms	lb.	.32 - —
tanks	lb.	.30 - —
Monoethylaniline, dms.	lb.	.77 - .79
Monomethylpara-aminophenol sulphate, dms.	lb.	3.75 - 4.00
Morphine, cns.	oz.	10.00 -10.95
Acetate, bots.	oz.	8.80 - 8.85
Ethylhydrochloride, vls.	oz.	10.50 -10.55
Hydrobromide, cns.	oz.	8.70 - 8.75
Sulphate, cns.	oz.	8.75 - 8.80
Mullein flowers, cns.	lb.	.90 - .95
Leaves, bls.	lb.	.07 - .08
Musk, nat., Cabardine, grained, bots.	oz.	No stocks
pods, bots.	oz.	No stocks
Tonquin, grained, bots.	oz.	21.00 -22.00
pods, bots.	oz.	14.50 - —
synth., ambrette, cns.	lb.	4.20 - —
Ketone, cns.	lb.	4.35 - —
Xylol, 100%, cns.	lb.	1.25 - —
Musk root, bls.	lb.	.09 - .10
Mustard seed, Bombay, brown, bgs.	lb.	.05¾Nom.
California, brown, bgs.	lb.	.06½- .07
yellow, bgs.	lb.	No stocks
Chinese, yellow, bgs.	lb.	.06 - .06½
Danish, yellow, bgs.	lb.	.07¾- .08¼
Dutch, yellow, bgs.	lb.	.07½- .08
English, yellow, bgs.	lb.	.09 - .09½
Hungarian, yellow, bgs.	lb.	.07¼- .07½
Montana, brown, bgs.	lb.	.07¾ Nom.
yellow, bgs.	lb.	.07 - .07½
Roumanian, yellow, bgs.	lb.	.06½- .07
Myrobalans, J1, bgs., shipt.	ton.	27.00 - —
J, bgs, shipt.	ton.	20.75 - —
R2, bgs., shipt.	ton.	20.25 - —
Extract, liquid, 25%, bbls.	lb.	.04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).

Painters' (see Petroleum naphtha, V.M.&P.).

Solvent (see S).

Naphthalene, crude, dom., bgs., works.	100 lbs.	2.80 - 3.00
import., 74-78% bgs., Atlantic ports.	100 lbs.	2.80 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.	lb.	.07½- —
Naphthalene, refined, balls or flakes, wholesalers and jobbers, cs., same basis.	lb.	.07½- —
pkgs, (16 oz.), same basis.	lb.	.08 - —
(12 oz.), same basis.	pkg.	.06½- —
chipped, crushed, bbls., same basis.	lb.	.06¼- —
rice, cryst., powd., bbls., same basis.	lb.	.07¼- —
Nerolin, cryst., cns.	lb.	1.25 - 1.35
Nickel carbonate, bbls.	lb.	.36 - .37½
Chloride, bbls.	lb.	.18 - .19¼
kgs.	lb.	.21 - .22
Oxide, black, bbls.	lb.	.35 - .38
Salt, double, bbls.	lb.	.13 - .13¼
single, bbls.	lb.	.13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.	lb.	.76 - —
10-lb. tins.	lb.	.86½- —
Nitercake, bulk, works.	ton.	16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l.	lb.	.08 - —
l.c.l.	lb.	.09 - —
tanks	lb.	.07½- —
Nitrocellulose, alcohol-soluble, ⅛, and 40, sec. vis., bbls., works.	lb.	.28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works.	lb.	.29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works.	lb.	.22 - —
10,000 lbs.	lb.	.25 - —
spot, bbls., works.	lb.	.26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.	lb.	.29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Mar.-June	unit-ton.	1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Mar.-Apr, shipt.	unit-ton.	3.40 - —
Chemical, Ill.	unit-ton.	3.60 Nom.
East Coast producing points.	unit-ton.	3.90 Nom.
import., bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	No Prices
Nitronaphthalene, bbls.	lb.	.24 - .25
Nitrotoluene, mixed, dms.	lb.	.10½- .11
Nutgalls, Aleppo, bgs., cs.	lb.	.20 - .22
Chinese, shipmmt., cs.	lb.	.20 - .22
Extract (see Gall extract).		
Nutmegs, 80s, bgs., cs.	lb.	.19¼- .19½
110s, 85s, bgs., cs.	lb.	.17 - .17½
West Indian, bgs.	lb.	.15½- .16
Nux vomica, bls.	lb.	.06 - .07
powd., bbls., bxs.	lb.	.06½- .07

O

Oakbark extract, 25% tan., bbls.	lb.	.03½- —
tanks	lb.	.02¾- —
Ocher (see Yellow).		
Octanes, 100-140° C., mixed, dms., c.l., G.3.	gal.	.11 - —
l.c.l., G.3.	gal.	.15 - —
tanks, G.3	gal.	.08½- —
Octyl acetate, dms., c.l., works.	lb.	.16 - —
l.c.l., works.	lb.	.17 - —
small lots, works.	lb.	.20 - —
tanks, works	lb.	.15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).		
natural, bots.	lb.	2.75 - 3.00
s.p.a., bots.	lb.	3.00 - 3.25
sweet, true, exp., cns.	lb.	.80 - .85
Amber, crude, cns.	lb.	.16 - .17
refd., cns.	lb.	.52 - .57
Amyris, cns.	lb.	3.00 - 3.25
Angelica root, bots.	lb.	64.00 -75.00
Seed, bots.	lb.	72.00 -90.00
Anilin (see A)		
Anise, USP, cns., dms.	lb.	.82 - .87
Apricot kernel, cns.	lb.	.80 - .81
dms.	lb.	.28 - —
Babassu, tanks, futures	lb.	.11¼- —
Bay, W. I., cns.	lb.	1.30 - 1.50
Bergamot, artif., cns.	lb.	1.00 - 1.30
natural, coppers.	lb.	3.50 - 4.00
Betula (see Oil, sweet birch).		
Birch (see Oil, sweet birch).		
Birch tar, crude, dms.	lb.	.14 - .17
rectifd., cns.	lb.	.70 - .75
Bois de rose, Brazil, cns.	lb.	1.20 - 1.35
Cayenne, cns.	lb.	2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).		
Cajeput, tech., dms.	lb.	.42 - .45
USP IX, cns.	lb.	.45 - .47
Calamus, cns.	lb.	3.50 - 3.75
Camphor, sassafrassy, cns.	lb.	.22 - .23
dms.	lb.	.19 - .20
white, cns.	lb.	.21 - .22
dms.	lb.	.18 - .19
Cananga, native, cns.	lb.	1.75 - 2.25
rectified, cns.	lb.	3.00 - 3.35
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00 - 2.25
Caraway, USP, cns.	lb.	2.10 - 2.25
Cardamom, bots.	lb.	20.00 -32.00
Cassia, USP, cns., dms.	lb.	1.00 - 1.05
Castor, blown, one-way dms., c.l.	lb.	12¼- —
l.c.l.	lb.	.13 - —
medicinal, bbls, c.l.	lb.	.10¾- —
l.c.l.	lb.	.11¼- —
cns. (1-gal.), l.c.l.	lb.	.14¼- —
dms. (returnable), c.l.	lb.	.10¼- —
l.c.l.	lb	.11¼- —
(5-gal.), l.c.l.	lb.	.12¼- —
tanks	lb.	.10 - —
No. 3, bbls., c.l.	lb.	.10¼- —
l.c.l.	lb.	.11 - —
dms. (returnable), c.l.	lb.	.10 - —
l.c.l.	lb.	.10¾- —
tanks	lb.	.09¼- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (45% fat), dms., c.l.	lb.	.08 - —
l.c.l.	lb.	.08½- —
75% (63% fat), dms., c.l.	lb.	.11½- —
l.c.l.	lb.	.12 - —
80% (68% fat), dms., c.l.	lb.	.12½- —
l.c.l.	lb.	.13 - —
Cedarleaf, cns.	lb.	1.10 - 1.15
dms.	lb.	1.05 - 1.10
Cedarwood, Oregon, cns., dms.,	lb.	.28 - .30
Southern, cns., dms.	lb.	.24 - .26
Celery, bots.	lb.	10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs.	lb.	.90 - —
25 lbs.	lb.	1.00 - —
Chinawood, dms., Atlantic Cst.	lb.	.15¼- .15½
tanks	lb.	.1450- .1480
July, forward.	lb.	14.00 -14.20
Cinnamon, Ceylon, bots.	lb.	9.00 -22.00
Seychelle, bots.	lb.	6.50 - 7.50
Citronella, Ceylon, cns.	lb.	.42 - .44
dms.	lb.	.40 - .42
Java, dms.	lb.	.43 - .45
Clove, makers, USP, cns.	lb.	1.25 - —
dms.	lb.	1.27 - —
Coconut, Manila, crude, tanks.	lb.	.09¼- —
futures	lb.	.09¼- —
Pac. Cst.	lb.	.08⅞ Nom.
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.14½- —
l.c.l.	lb.	.15½- —
tanks	lb.	.14½- —
Cod, Newfoundland, tanked, bbls.	gal.	.51 Nom.
Norwegian, bbls.	gal.	.40 - .44
Codliver, med., Norwegian, bbls.	bbl.	27.00 -28.00
poultry, USP, bbls.	gal.	.82 - .85
Coriander, bots.	lb.	No stocks
Corn, crude, tanks, works.	lb.	.09¼- .10
refd., bbls.	lb.	.12¾- .13¼
Cottonseed, dom., cooking, bbls.	100 lbs.	12.37½- —
salad, bbls.	100 lbs.	12.50 - —
import., Brasilian semi-refd., dms.	lb.	.07¼ Nom.
British, semi-refd., dms.	lb.	.07¼ Nom.
Cresote (see C).		
Croton, USP, cns.	lb.	1.30 - 1.35
Cubeb, USP, cns.	lb.	3.00 - 3.10
Crude (see Petroleum, crude).		
Cumin, bots.	lb.	8.50 -10.00
Cypress, cns.	lb.	12.00 - —
Degras (see D).		
Diesel, Bayonne, bulk.	bbl.	1.85 - —
California, 27 plus, bulk.	bbl.	1.00 - 1.35
Dill seed, bots.	lb.	3.15 - 3.50
Weed, bots.	lb.	5.00 - 5.50
Dip (See D).		
Erigeron, cns.	lb.	1.45 - 1.55
Eucalyptus, cns.	lb.	.48 - .49
dms.	lb.	.46 - .47
Fennel, sweet, cns.	lb.	1.05 - 1.10

LOOKING down this long line of burner houses, the end of which is obscured in mists of carbon black, reminds us to remind you that the ends of your demands are not in sight. Industry is entering a new era. You will need more and better materials... and you will want them at a faster rate. WITCO is expanding... preparing to meet your demands with improved plants, processes, methods and materials. We shall welcome the opportunity of demonstrating how well and how thoroughly we can supply your needs for:

WITCO CARBON BLACKS — one of the most complete high quality lines available today, backed by the WITCO reputation for uniformity.

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BUY DIRECT AND PROFIT DIRECTLY

WITCO

Oil, fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana-Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.20 - —
Tuesday .....bbl. 1.20 - —
Wednesday .....bbl. 1.20 - —
Thursday .....bbl. 1.20 - —
Friday .....bbl. 1.20 - —
Saturday .....bbl. 1.20 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test..bbl. 1.10 - 1.15
24-28, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04⅝- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04¾- .05
2, bulk, same basis.....gal. .04½- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .04¼- —
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅜- .03½
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40, zero, 60 e.p.....gal. .03⅞- .04
Fuel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅞- .03¼
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.75 - 5.50
Bourbon, cns.....lb. 4.50 - 5.15
Turkish (see Palmarosa.)
Grapefruit, cns.....llb. 2.25 - 2.50
Ginger, dist., bots.....lb. 6.50 - 7.25
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns. .....lb. .38 - .53
Lard, common, 1, bbls..100 lbs.13.00 - —
2, bbls.....100 lbs.12.75 - —
extra, bbls.....100 lbs.13.50 - —
1, bbls.....100 lbs.13.25 - —
headlight,burning,bbls.100 lbs.14.75 - —
prime, ed., bbls.....100 lbs.16.25 - —
ined, bbls.....100 lbs.14.75 - —
winter, strained, extra bbls., 100 lbs.13.75 - —
prime, bbls.....100 lbs.14.00 - —
Lavandin, cns., 25 lbs.....lb. 2.05 - —
Lavender flowers, French, U.S.P. 50% ester, cns..lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
U.S.P., XI, 35% ester, cns.lb. 4.00 - 4.50
U.S.P., XI, 30% ester, cns.lb. 2.80 - 3.00
U.S.P., IX, 30% ester, cns.lb. 2.65 - 2.75
U.S.P., VIII, 30% ester, cns. lb. 2.25 - 2.35
Garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 3.50 - —
Messina, coppers. cns.....lb. 4.00 - 4.50
Lemongrass, native, cns., dms. lb. .50 - .52
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -10.25
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l.....lb. .1050- —
l.c.l., 5 or more.....lb. .1090- —
less than 5.....lb. .1130- .1150
tanks .....lb. .0990- —
double boiled, bbls., less than 5..lb. .1150- .1170
raw, bbls., c.l.....lb. .1010- —
l.c.l., 5 or more.....lb. .1050- —
less than 5.....lb. .1090- —
tanks .....lb. .0950- —
Lovage, bots.....lb.46.00 -55.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21¾- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21¾- —
pale, 75, 175 vis..tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21½- —
15-25 pour, tanks..gal. .20 - —
150-160 D, 0-10 pour tanks..gal. .23½- —
15-25 pour, tanks..gal. .23 - —
150-160 E, 15-25 pour, tanks..gal. .22½- —
190-200 D, 15-25 pour, tanks..gal. .26½- —
200-210 E, 15-25 pour, tanks..gal. .25½- —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 colors, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color tanks..gal. .17 - —
350 vis., same basis, gal. .17½- —
400 vis., same basis, gal. .18 - —
500 vis., same basis, gal. .18½- —
600 vis., same basis, gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penna., bright, 600 cold test, 10-40 pour, tanks.. gal. .27½- —
10-15 pour, tanks...gal. .28½- —
cylinder, 600 fire, tanks, gal. .20 - —
600 flash, tanks.....gal. .22 - —
630 flash, tanks.....gal. .24 - —
635 fire, tanks.....gal. .20½- —
650 fire, tanks.....gal. .21½- —
Warren, E, amber, tanks. gal. .22½- —
neutral, 150 vis....3 color, tanks..gal. .23½- —
180 vis., 3 color,tanks.gal. .26 - —
200 vis., 2 color,tanks.gal. .27 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .33½- —
unfiltered, 600 s.r., bbls., f.a.s..gal. .25½- —
600 flash, s.r., bbl., c.l., gal. .28 - —
650 s.r., bbls., c.l., f.a.s. gal. .27 - —
Warren, E. bbls., c.l.,f.a.s. gal. .28 - —
smaller lots, f.o.b..gal. .31 - —

Oil, mace, dist., cns.....lb. 1.20 - 1.25
Menhaden, crude, tanks, f.o.b. Balto..gal. .43 Nom.
refd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
blown, dms.....lb. .0920- —
kettle-bodied, dms.....lb. .1040- —
light pressed, dms., c.l.....lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .85 - .90
Neatsfoot, cold test, bbls, 100 lbs.18.50 - —
extra, bbls.....100 lbs.13.50 - —
1, bbls.....100 lbs.13.25 - —
pure, bbls.....100 lbs.14.25 - —
Special, bbls.....100 lbs.13.75 - —
sulphonated, common, 25% moisture, dms...lb. .10¼- —
Neroli, bots.....lb.50.00 -130.00
Nutmeg, USP, cns.....lb. 1.20 - 1.25
Oiticica, dms.....lb. .12 - —
futures .....lb. .11½- —
Oleo, 1, bbls.....100 lbs.13.50 - —
2, bbls.....100 lbs.13.00 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.60 Nom.
edible, bbls.....gal. 2.50 Nom.
foots, bbls.....lb. .12 Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16¼- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cases..lb. .90 - —
expressed, African, cns., dms..lb. 1.90 - 2.00
Calif., cns., makers.....lb. 3.25 - —
resale .....lb. 3.40 - —
Florida, cns.....lb. No prices
Messina, USP, coppers.lb. 4.00 - 4.50
Spanish, cns.....lb. 2.50 - 2.75
West India, cns.....lb. 2.10 - 2.20
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .06¾ Nom.
shipment .....lb. .0585- —
softs, 12½%, bulk, shipt....lb. .0585- —
20%, bulk, shipt.....lb. .0575- —
Sumatra, shipment, bulk...lb. .05¾Nom.
Palmarosa, cns.....lb. 3.00 - 3.25
Palmkernel, bulk, shipt.....lb. .0730Nom.
Paraffin, 820° flash, 60-70 vis., tanks, G. S..gal. .05¼- —
830° flash, 70-80 vis., tanks, G. S..gal. .05½- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
850° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
860° flash, 100-110 vis., tanks, G. S..gal. .06¾- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, dom., tanks, works..lb. .10¼Nom.
refd., edible, bbls.....lb. .13¼ Nom.
Oriental, crude, bulk shipt.lb. .0700 Nom.
Pennyroyal, dom., cns.....lb. 1.75 - 1.85
import, cans.....lb. 1.60 - 1.65
Peppermint, natural, cans, dms. lb. 2.25 - 2.50
redist., USP, cns, dms.....lb. 2.50 - 2.75
Perilla, dms.....lb. .11½- .11¾
tanks .....lb. .11 - .11¼
Petitgrain, Paraguay, cns...lb. 1.05 - 1.10
Pimento berry, cns.....lb. 3.50 - 3.75
Leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .49 - .50
steam-dist., straw-color, bbls. gal. .50 - —
tanks .....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks .....gal. .59 - —
Pineneedle, Siberian, cns....lb. .85 - .90
Putty, bbls, El Segundo, Richmond, Cal..gal. .23½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid...gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .23 - —
Rapeseed, blown, bbls.....lb. .13¼- .13⅛
denat., bbls.....gal. .85 - .86
Red, dist. or saponif., bbls., dlvd..lb. .11⅝- .12⅝
dms, dlvd.....lb. .11½- .12⅛
tanks, dlvd.....lb. .10¾- —
white, dms.....lb. .13⅛- .14⅛
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .60 - .65
dms .....lb. .55 - .60
Rosin, 1st rectfd., dms.....gal. .69 - .71
2d rectfd., dms.....gal. .71 - .73
3d rectfd., dms.....gal. .75 - .77
Rue, bots.. .....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns...lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.80 - 5.50
Sardine, crude, tanks, Pac. Cst. gal. .53 - .55
rfd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
kettle-bolled, dms.....lb. .1040- —
light, pressed, dms., c.l.lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
poultry feed, dms., Pac. Cst., gal. .50 Nom.
Sassafras, artif., cns.....lb. .41 - .42
dms. .....lb. .39 - .40
natural, cns., dms.....lb. .75 - 1.25
Savin, cns.....lb. 1.70 - 1.75
Savory, cns.....lb. 3.50 - 3.75
Sesame, dom., refd., white, dms. lb. .13¼- Nom.
Single stain, bbls., c.l., works gal. .17½- —
l.c.l., works .....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb.11.00 -12.00
Soybean, dom., crude, dms...lb. .1150- —
tanks .....lb. .1050- Nom.
refd., dms. .....lb. .12 - .12½
tanks .....lb. .11½- Nom.
Spearmint, USP, cns.....lb. 1.75 - 2.00
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45° dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sunflower seed, refd., dms...lb. .12¼ Nom.
Sweet birch, North, cns.....lb. 3.60 - 3.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs.13.50 - —
tanks .....100 lbs.13.00 - —
Tansy, cns.....lb. 3.25 - 3.50
Tar, commi., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)

Oil, teaseed, dms.....lb. .14½ Nom.
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .80 - 1.25
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb.13.50 -14.00
Vetiver, Bourb., bots.....lb. 8.00 -18.00
Walnut, crude, dms.....lb. .14 - .14¼
refd., dms.....lb. .15 - .15¼
Whale, refd., natural, dms..lb. .1010- .1030
winter, bleach, dms.....lb. .1050- .1070
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.65 - 2.75
Wormwood, cns.....lb. 3.00 - 3.35
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots.....lb.26.00 -30.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash...lb. .12¾- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .13¼- —
Colo., Mont., N.M.,Wyo. lb. .13 - —
Other points.....lb. .12½- —
smaller lots, dlvd. Ala., etc..lb. .13¼- —
Ariz., etc.....lb. .13¾- —
Colo., Mont., N. M., Wyo..lb. .13½- —
Other points.....lb. .13 - —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Peel, bitter, bls.....lb.. .08 - .09
Sweet, bls.....lb. .13 - .14
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .42 - .45
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .85 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt equal..lb. .05 - —
l.c.l., dms, same basis...lb. .06 - —
100 lb. tins, same basis.lb. .07 - —
50 lb. tins, same basis..lb. .08 - —
tanks, same basis.....lb. .04½- —
Othonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol,cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .85 - .90
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst.,bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.85 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .21½- .23
Spanish, extra fancy, cs.....lb. .27 - .28
fair, bgs.....lb. .21½- .22
fancy, bgs.....lb. .23 - .23½
medium, bgs.....lb. .22 - .22½
Para-aminoacetanilide, kgs...lb. .85 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kegs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02⅝- .02½
bbls., c.l., N. Y.....lb. .0265- —
124-126 A.m.p. bgs., c.l., bbls., c.l., N. Y.....lb. .0270- .02⅝
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼- Nom.
fully refd., slabs, 120-122 A.m.p., bgs., c.l..lb. No prices
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04½- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s. N. Y..lb. .04¾- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb .0555- —
export, f.a.s., N. Y..lb. .05½- —
135-137 A.m.p., bgs., c.l.lb. .0580- —
export, f.a.s., N. Y..lb. .05¾- —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
Match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. 02¾- Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.....lb. .24 - —
100 to 900 lb. shipments, same basis..lb. .25 - —

Oil, Fuel—Petroleum

Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., kgs., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23¼- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .16 - .17
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .13 - .14
Pentane, nom., 28-33°, dms., c.l., G.S.—gal. .12½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .09½- —
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .10¼- .10½
Lampong, bgs.....lb. .06 - .06¼
Tellicherry, bgs.....lb. .11¼- .11⅝
Red, birdseye, bgs.....lb. .15 - .15½
new crop.....lb. No stocks.
Japanese 1, bgs.....lb. .13¼- .13½
Mombassa, bgs.....lb. .18 - .18½
White, Java, Muntok, bgs...lb. .11 - .11⅜
Singapore, Muntok, bgs....lb. .11¼- .11⅝
Peppermint leaves, dom., bls..lb. .25 - .28
import, bls.....lb. .35 - .40
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, amber, bbls., c.l., lb. .02⅞- .03
l.c.l. .....lb. .04 - .04¼
extra, bbls.....lb. .03½- .03¾
l.c.l. .....lb. .04¼- .04½
cream (see white, cream)
red, veterinary, bbls., c.l....lb. .02⅝- .02⅞
l.c.l. .....lb. .03¾- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l. .....lb. .06¾- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l. .....lb. .07⅝- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08⅝- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.66
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship. bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbls. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.33
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .93
Playa del Rey, f.o.b. pipeline .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Canada:—
Oil Springs .....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.35 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton .....bbl. 1.35 - —
East Texas.....bbl. 1.27 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull .....bbl. .95 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .95 - 1.41
Pettus .....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio .....bbl. .95 - 1.41
Saratoga .....bbl. .95 - 1.41
Saxet .....bbl. .90 - 1.41
Sour Lake.....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland .....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.32 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo .....bbl. .90 - 1.22
Cameron Meadows.....bbl. .90 - 1.30
Choctaw .....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow .....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville .....bbl. .90 - 1.22
Homer .....bbl. .90 - 1.22
Iowa .....bbl. .90 - 1.30
Lockport .....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22
Pine Island.....bbl. .90 - 1.22
Rainbow .....bbl. .90 - 1.22
Rodessa .....bbl. .90 - 1.22
Smackover .....bbl. .90 - —
Tepetate .....bbl. 1.24 - —
Urania .....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. 1.05 - —
Tax, 13.35c. per bbl.
Tuxpan .....bbl. No prices.
Tax, 21.815c. per bbl.

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Chemicals for every purpose for over half a century. For purity always specify N.Y.Q. on your orders. Price list will be sent on request.

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Codeine Alkaloid
Codeine Phosphate
Codeine Sulfate
Iodine Resublimed
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Menthol-Y
Morphine Alkaloid
Morphine Sulfate
Opium Gum (*Gran. and Powd.*)
Potassium Iodide (*Cryst.-Gran.-Powd.*)
Quinine Sulfate and other Quinine Salts
Strychnine Alkaloid
Strychnine Sulfate
Thymol Iodide

THE NEW YORK QUININE & CHEMICAL WORKS INC.

NYQ

GENERAL OFFICES
99-117 North Eleventh Street, New York, Borough of Brooklyn

ST. LOUIS DEPOT, 403 NORTH FIRST STREET, ST. LOUIS, MO.

NYQ

Petroleum, crude, bulk, at wells:—
Midcontinent:—
North Texas bbl. .96 - 1.20
Oklahoma-Kansas bbl. .98 - 1.80
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany bbl. 2.67 - —
Corning bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines bbl. 2.22 - —
Eureka lines bbl. 2.37 - —
S.W. Penn lines bbl. 2.42 - —
lower district in National Transit lines bbl. 2.62 - 2.67
Rocky Mountain:—
Big Muddy bbl. 1.18 - 1.23
Cannon City-Florence bbl. 1.10 - —
Cat Creek bbl. 1.40 - —
Dutton Creek bbl. 1.06 - 1.30
Elk Basin bbl. 1.30 - —
Fort Collins-Wellington bbl. 1.01 - 1.25
Frannie, light bbl. .82 - —
Grass Creek bbl. 1.30 - —
Greybull bbl. 1.30 - —
Iles bbl. 1.12 - 1.18
Lance Creek bbl. .97 - —
Midway bbl. 1.06 - 1.30
Rock Creek bbl. 1.20½- —
Salt Creek bbl. 1.06 - 1.36
Sunburst bbl. 1.20 - —
Torchlight bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County bbl. .98 - 1.23
Cleveland-Liberty bbl. 1.27 - —
Conroe bbl. 1.20 - 1.44
Darst Creek bbl. 1.09 - —
Duval bbl. 1.00 - —
Hardin-Liberty bbl. 1.15 - —
Luling bbl. 1.00 - —
Lytton Springs bbl. 1.12 - —
Mirando bbl. .90 - 1.36
Panola County bbl. .93 - 1.25
Salt Flat bbl. 1.09 - —
Tomball bbl. 1.20 - 1.44
Van bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties bbl. .91 - 1.03
Gray County bbl. .96 - 1.08
West Texas:—
Artesia, N. M. bbl. .90 - —
Crane bbl. .78 - 1.08
Crockett bbl. .78 - 1.08
Ector bbl. .78 - 1.08
Glasscock bbl. .78 - 1.08
Hogback bbl. 1.33 - —
Howard bbl. .78 - 1.08
Jackson, N. M. bbl. .90 - —
Lea, N. M. bbl. .78 - 1.08
Maljamar, N. M. bbl. .90 - —
Mitchell bbl. .78 - 1.08
Pecos bbl. .91 - —
Upton bbl. .78 - 1.08
Winkler bbl. .78 - 1.08
other, 30-60°, dms, c.l., G.3. gal. .15 - —
l.c.l., G.3 gal. .17 - —
tanks, G.3 gal. .13 - —
55-60, dms., l.c.l., G. 3 gal. .35 - —
40-75°, dms., c.l., G.3 gal. .15 - —
l.c.l., G.3 gal. .16 - —
tanks, G.3 gal. .13 - —
laboratory grade, dms., c.l., G.3. gal. .16 - —
l.c.l., G.3 gal. .25 - —
10-gal. lots, G.3 gal. .50 - —
Lacquer, diluent, at refinery:—
California 60,169 l.b.p., 263 e.p., tanks, delvd. Los Angeles gal. .11 - —
San Francisco gal. .11½- —
f.o.b. Richmond, Willbridge, Ore.; Pt. Wells, Wash. gal. .12 - —
East Coast, tanks gal. .12 - .12½
Group 3, tanks gal. .08⅝- .08⅝
Naphtha, cleaners, at refinery:—
East Coast, tanks gal. .10 - —
Group 3, tanks gal. .07⅝- .07⅞
tankwagon, Boston, ex-tax. gal. .13 - —
Chicago, inc. 3c. tax gal. .158 - —
Decatur, inc. 3c. tax gal. .182 - —
Des Moines, inc. 3c.tax.gal. .18 - —
Evansville, Ind., ex tax.gal. .146 - .159
Milwaukee, inc. 4c. tax. gal. .19½- —
Minneapolis-St. Paul, inc. 3c. tax. gal. .186 - —
Newark, ex tax gal. .12 - —
New York, ex tax gal. .12 - —
Omaha, ex tax gal. .149 - .159
Oklahoma City, ex tax.gal. .15 - .16
Philadelphia, ex tax. gal. .11½- —
St. Louis, ex tax gal. .149 - .159
Syracuse, 150 gals. gal. .14 - —
smaller lots, galv. drums. gal. .16 - —
milk cans gal. .21 - —
Tulsa, ex tax. gal. .15 - .16
High solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J. gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt gal. .16½- —
30, same basis gal. .18½- .19
40, same basis gal. .14½- .15½
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equaled. nearest comp. pt. gal. .16 - —
2, same basis gal. .18 - —
3, same basis gal. .16 - —
4, same basis gal. .18 - —
V.m. & p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo gal. .11 - —
Richmond gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash. gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, delvd. Los Angeles gal. .10 - —
San Francisco gal. .10½- —
Portland, Seattle gal. .11 - —
East Coast, tanks gal. .10½- —
Group 3, tanks gal. .07⅝- .07⅞
tankwagon, Boston, ex tax. gal. .13 - .14
Chicago, inc. 3c. tax. gal. .171 - —
Decatur, inc. 3c. tax. gal. .182 - —
Des Moines, inc.3c. tax.gal. .18 - —
Evansville, Ind., ex tax.gal. .146 - .161
Milwaukee, inc. 4c.tax.gal. .19½- —
Minneapolis-St. Paul, inc. 3c. tax. gal. .183 - —
Newark, ex tax gal. .13 - —
New York, ex tax gal. .12 - —
Omaha, ex tax gal. .149 - .159
Philadelphia, ex tax. gal. .13 - —
St. Louis, ex tax. gal. .149 - —
Solvent, rubber, at refinery, East Coast, tanks gal. .10 - —
Group 3, light, 120 l.b.p., 250 e.p., tanks gal. .07⅝- .07⅞
standard, 180 l.b.p., 288 e.p., tanks gal. .07⅝- .07⅞
Stoddard (CS 3-28), at refinery:—
East Coast, tanks gal. .10 - —
Group 3, tanks gal. .06⅝- .07⅛

Petroleum solvent, Stoddard, tankwagon, Boston, ex tax. gal. .12½- .13½
Chicago, inc. 3c. tax. gal. .156 - —
Decatur, inc. 3c. tax. gal. .172 - —
Des Moines, inc. 3c.tax.gal. .17 - —
Evansville, Ind.,ex tax.gal. .139 - —
Milwaukee, inc. 4c.tax.gal. .18½- —
Minneapolis-St. Paul, inc. 4c. tax. gal. .167 - —
Newark, ex tax. gal. .11 - —
New Orleans, ex tax. gal. .11 - —
New York, ex tax. gal. .11 - —
Oklahoma City, ex tax.gal. .12 - .13
Omaha gal. .139 - .149
Philadelphia, ex tax. gal. .11½- —
St. Louis, ex tax. gal. .128 - —
Tulsa, ex tax. gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles gal. .14 - —
Portland, Ore. gal. .15 - —
Richmond gal. .13½- —
Seattle, Wash. gal. .15½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .10½- —
Richmond gal. .10 - —
Southern Calif. gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo gal. .11 - —
Portland, Ore. gal. .12 - —
Richmond gal. .11½- —
Seattle, Wash. gal. .12 - —
East Coast, 43-47, tanks gal. .09½- .10
47-49, tanks gal. .09½- —
Group 3, tanks gal. .06⅝- .06⅞
Pennsylvania, tanks gal. .07¼- —
tankwagon, tax included—
Albany gal. .13 - —
Baltimore (100 gals.) gal. .12½- .15½
25-99 gals. gal. .13½- .15½
Boston gal. .12½- .13½
Bridgeport, Conn. gal. .13 - —
Buffalo gal. .12½- —
Camden, N. J. gal. .115 - .135
Chicago gal. .168 - —
Decatur, Ill. gal. .172 - —
Des Moines gal. .17 - —
Evansville, Ind. gal. .139 - .149
Milwaukee gal. .18½- —
Minneapolis-St. Paul gal. .176 - —
Newark gal. .11 - .13
New York (200 gals.) gal. .11 - —
smaller lots gal. .11½- —
Omaha gal. .109 - .149
Philadelphia gal. .115 - .135
Pittsburgh gal. .12 - .14
Providence gal. .12½- .13½
Rochester gal. .12 - .16
St. Louis gal. .139 - —
Syracuse gal. .13 - .15
Trenton gal. .12 - .14
Wilmington, Del. gal. .11½- .13½
Phenobarbital, bots., 5 lbs. lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs. lb. 4.50 - —
cns., 25 lbs. lb. 4.75 - —
Phenol, USP, dms, c.l., works, frt. equald lb. .13¼- .14¼
l.c.l., same basis lb. .14 - .15
tins, c.l., same basis lb. .14¼- .15¼
l.c.l., same basis lb. .15 - .16
tanks, works lb. .12¾- —
Phenolphthalein, USP, bbls.,dms. 2,000 lbs. lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls lb. .70 - .72
Phenyl chloride, dms lb. .16 - —
Phenylacetadehyde, bots lb. 3.50 - 6.75
Phenylhydrazin hydrochloride,CP, bots., works lb. 3.30 - 5.10
commercial, kgs., works lb. 3.30 - 6.50
pure, bots., works lb. 2.95 - 3.25
Phloroglucinol, CP, tins,works.lb. 20.00 -22.00
tech., tins, works lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines long ton. 4.35 - —
land pebble, 68% min., bulk, mines long ton. 1.85 - —
70% min., bulk, mines long ton. 2.35 - —
72% min., bulk, mines long ton. 2.85 - —
75% basis, 74% min., bulk, mines long ton. 3.85 - —
Tenn., 72%, bulk, mines long ton. 4.50 - —
75%, bulk, mines long ton. 5.50 - —
Phosphorus, red, cs. lb. .40 - .44
Yellow, cs. lb. .28 - .37½
Oxychloride cyls. lb. .16 - .20
Sesquisulphide, cs. lb. .38 - .42
Trichloride, cyls. lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R. lb. .14½- —
l.c.l., same basis lb. .15½- —
Pichi leaves, bgs lb. .08 - .10
Pilocarpine hydrochloride, bots., vls. oz. 2.50 - 2.75
Nitrate, bots., vls oz. 2.40 - 2.65
Pimento, bgs lb. .15 - .15¼
Pinkroot, bls lb. .40 - .45
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works ton. 19.00 - —
l.c.l. ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron ton. 21.50 -22.50
f.o.b. works ton. 16.00 - —
Linseed, dms lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls lb. .12 - .13
Podophyllin, fib., dms., 100 lbs., lb. 3.25 - —
cns., 25 lbs lb. 3.50 - —
Poke root, bls lb. .06½- .07
Pomegranate bark, bgs lb. .18 - .19
Root bark, bgs lb. .40 - .41
Poppy flowers, red, bls lb. .35 - .40
Seed, Dutch, bgs lb. .07⅝- .08
Polish, bgs lb. .07¼- .07¾
Potash acetate, USP, bbls.,kgs.lb. .26 - .28
50% sol., bbls lb. .08½- .09
Bicarbonate, USP, cryst., bls, lb. .09 - .13
gran., bbls lb. .10 - .12
Bichromate, spot, c.l., works.lb. .06⅝- —
6 casks or 10 bbls. or over, works lb. .06⅝- —
5 casks or 9 bbls. or less, works lb. .09 - —
Binoxalate, dms lb. .23 - —
Bisulphate, kgs lb. .15½- .18
Carbonate, calc., dms., c.l., works lb. .06½- —
l.c.l., same basis lb. .06⅝- —
hydrated, 83-85%, bbls., c.l., works lb. .05½- —
l.c.l. lb. .06⅝- —
liquid, dms., c.l., dlvd lb. .03¾- —
l.c.l., 10 dms. or over lb. .03¼- —
less than 10 dms lb. .03½- —
tanks, dlvd lb. .02⅝- —
USP, gran., bbls lb. .14 - —
powd., bbls lb. .19 - —
Caustic, flake, 88-92%, dom., dms., c.l., works lb. .07 - —
l.c.l. lb. .07¼- .07½
import., dms lb. .07 - .07½

Potash, caustic, liquid, 45% basis, dms lb. .03¼- .03½
tanks lb. .02½- —
solid, 88-92%, dom., dms., c.l., works lb. .06¼- —
l.c.l. lb. .06½- .06¾
import. cakes lb. .06¼- .06⅝
Chlorate cryst., kgs lb. .09¼- .09½
gran., kgs lb. .12 - .13
powd., kgs lb. .08¼- .09¾
Chloride, tech., 98% cryst., bbls. lb. .04 - .04¼
Chromate, kgs lb. .28 - .29
Citrate, USP, gran., bbls., 250 lbs. lb. .25 - —
kgs., 100 lbs lb. .36 - —
cns., 50 lbs lb. .37 - —
cns., 25 lbs lb. .39 - .40
Cyanide, cns., dms lb. .56 - .60
Glycerophosphate, 75% sol., cns., 100 lbs. lb. 1.25 - 1.30
Guaiacolsulphonate, cns lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns. lb. .26 - .27
Hypophosphite, cns lb. .72 - .77
Iodate, bbls lb. 3.20 - 3.25
Iodide, bbls., 250 lbs lb. .93 - —
bots., or cns lb. 1.02 - 1.28
dms lb. .95 - .96
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports ton. 12.00 - —
Manure salt, dom., 20% K_2O, bulk, c.l.f. ports ton. 12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 80% K_2O,bulk,shipt. unit-ton. .55 - —
Metabisulphite, kgs lb. .15 - —
Muriate, dom., all strengths, min. 50% K_2O, bulk unit-ton. .50 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs lb. .20 - .21
tech., bbls lb. .25 - .26
Perchlorate, kgs., works lb. .09 - .11
Permanganate, tech., dms lb. 18½- .19
Prussiate, red, bbls lb. .35 - .37
Yellow, bbls lb. .15 - .16
Silicate alkaline, lump, bags lb. .07 - —
Sulphate, NF, bbls lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports ton. 26.25 - —
Vegetable, bulk, f.o.b. Balto. ton. 19.97 Nom.
Xanthate, dms., c.l. lb. .13 - —
l.c.l. lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 24.75 - —
Potash-titanium oxalate, kgs. lb. .33 - .35
Prickly ash bark, bls lb. .11½- .16
Berries, bls lb. .15 - .16
Prince's pine herb, bls lb. .18 - .20
Propane, tanks, G.3 gal. .06 - .06¾
Psyllium seed (see Flaxseed).
Pulsatilla, bls lb. .18 - .20
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works lb. .03 - —
less than 3, works lb. .05½- —
F and 1, bbls., 3 or over, works lb. .03½- —
less than 3, works lb. .04 - —
0, 0-½, 0-¾, and ¼, bbls., 3 or over, works lb. .04 - —
less than 3, works lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y. ton. 32.85 Nom.
l.c.l., 5-20 tons, ex whse. ton. 37.70 - —
1,000-10,000 lbs., ex whse. ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse. ton. 40.70 - —
single bgs.,ex whse. ton. 45.70 - —
Pumpkin seed, bgs lb. .11 - .14
Purple laks (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs 100 lbs. 3.10 - —
100-499 lbs 100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs 100 lbs. 4.85 - —
100-499 lbs 100 lbs. 5.00 - —
refined, dms., 1,000 lbs. 100 lbs. 5.15 - —
500-999 lbs 100 lbs. 5.35 - —
100-499 lbs 100 lbs. 5.50 - —
standard, dms., 1,000 lbs. 100 lbs. 3.65 - —
500-999 lbs 100 lbs. 3.85 - —
100-499 lbs 100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand gal. 4.15 - —
basis, 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand gal. 6.10 - —
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over. lb. .12¾- —
fine powd., Dalmat., bbls. lb. .14 - .16
Japan, bbls., ton lots, frt. alld. lb. .15¾- —
Pyridin, denaturing, dms. gal. 1.30 - —
refd., 2° dms lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins lb. 2.15 - 2.40
resublimed, fib. dms., tins lb. 4.60 - —
Pyroxylin scrap, amber, cs., works lb. .15 - —
black, cs., works lb. .10 - —
China white, ivory, cs., works lb. .16 - —
dense white, cs., works lb. .12 - —
gray, cs., works lb. .10 - —
mixed, mottles, opaque, cs., works lb. .04 - —
shell-demi, cs., works lb. .12 - —
translucent pastels, cs., works lb. .10 - —
transparent, cs., works lb. .20 - —
colors, cs., works lb. .12 - —
shavings, amber, cs., works lb. .16 - —
colors, mixed, cs., works lb. .10 - —
white, cs., works lb. .15 - —

Q

Quassia, chips, bls lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works lb. .03½- —
tanks, works lb. .03¾- —
solid, 63%, bgs., c.l., ex dock, plus duty lb. .06⅞- —
clarified, 64%, bgs., c.l., same basis lb. .04⅝- —
Queen of the meadow herb, bgs. lb. .06 - .07
Root, bgs lb. .06 - .07
Quercitron extract, liquid, 51°, bbls. lb. .06 - .06
solid, dms lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y. flask. 92.00 -93.00
Quince seed, bgs lb. .75 - 1.50
Quinidine, cryst., small, cns. oz. .96 - —
large, cns oz. .96 - —
pwd., precip., cans oz. .91 - —
Sulphate, cns oz. .67 - —

Petroleum—Red, Tuscan

Quinine, 100 ozs., cns oz. .74 - .
Acetate, cns oz. .93 - —
Arsenate, cns oz. .96 - —
Arsenite, cns oz. 1.00 - —
Bisulphate, cns oz. .53 - —
Citrate, cns oz. .71 - —
Dihydrobromide, bots oz. .74 - —
Dihydrochloride, bots oz. .74 - —
Ethylcarbonate, cns oz. .74 - —
Ferrocyanide, cns oz. 1.00 - —
Formate, cns oz. .93 - —
Glycerophosphate, cns oz. 1.15 - —
Hydrochloride, cns oz. .66½- —
Hydrochlorosulphate, cns oz. .74 - —
Hydroiodide, cns oz. .93 - —
Hypophosphite, cns oz. .96 - —
Phosphate, cns oz. .81 - —
Salicylate, cns oz. .73 - —
Sulphate, U.S.P. X, cps oz. .53 - —
U.S.P. XI, cns oz. .52½- —
Sulphocarbolate, cns oz. .96 - —
Tannate, cns oz. .67 - —
Tartrate, cns oz. .96 - —
Valerate, cns oz. .93 - —
Quinine-urea hydrochloride, cns. oz. .74 - —

R

R salt, bbls lb. .52 - .55
Rapeseed, Belgian, bgs lb. .06¼- .06½
Dutch, bgs lb. .06¼- .06½
Japanese, bgs lb. .06¾- .06½
Raspberries, dried, bbls lb. .80 - .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld. lb. .80 - —
smaller lots, same basis lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis lb. .85 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, ton lots, same basis lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., tons lots, same basis lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., ton lots,works. lb. 2.00 - —
smaller lots, works lb. 2.50 - —
Orange, bbls., ton lots, works lb. 1.50 - —
smaller lots, works lb. 1.75 - —
Carmine 40, cns., 500 lbs lb. 4.00 - —
100 lbs lb. 4.15 - —
11 lbs lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin, kgs lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y. lb. .06¾- —
50%-55%, bbls., same basis lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts lb. 1.25 - —
open order lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts lb. .75 - —
open order lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake lb. 1.05 - —
Maroon lake, 25%, kgs., same basis alizarin lake,contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech.,dom.,bbls., lb. 1.40 - —
Metallic, bbls., Pa., works lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works lb. .09¼- —
reduced, 55% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y. lb. .08¼- —
80% copperas oxide, bbls., same basis lb. .07¾- —
Para toner, concent., kegs., same basis alizarin lake, contracts lb. .75 - —
open order lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y. lb. .04½- —
ex whse., Chicago, St. Louis lb. .04¾- —
San Fran., Los Ang., Portland, Seattle lb. .05 - —
Phosphotungstic Rhodamine Y, bbls. lb. 3.50 - —
Purple lake, kgs lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis lb. .08 - —
Toner, kgs lb. 1.50 - 2.00
Rose lake, bbls lb. .20 - .22
Pink, bbls lb. .15 - .18
Scarlet ink toner, kgs., same basis alizarin lake lb. .45 - —
Lake, kgs., same basis alizarin lake lb. .25 - .35
Spanish oxide lb. No Stocks.
Toluidin toner, kgs., same basis alizarin lake lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis lb. .26½- —
2, bbls., same basis lb. .30½- —
3, bbls., same basis lb. .23½- —
4, bbls., same basis lb. .25½- —
5, bbls., same basis lb. .24 - —
6, bbls., same basis lb. .24 - —
7, bbls., same basis lb. .24 - —
8, bbls., same basis lb. .23 - —
9, bbls., same basis lb. .21½- —
10, bbls., same basis lb. .18½- —

Red, Venetian—Soda Bicarb.

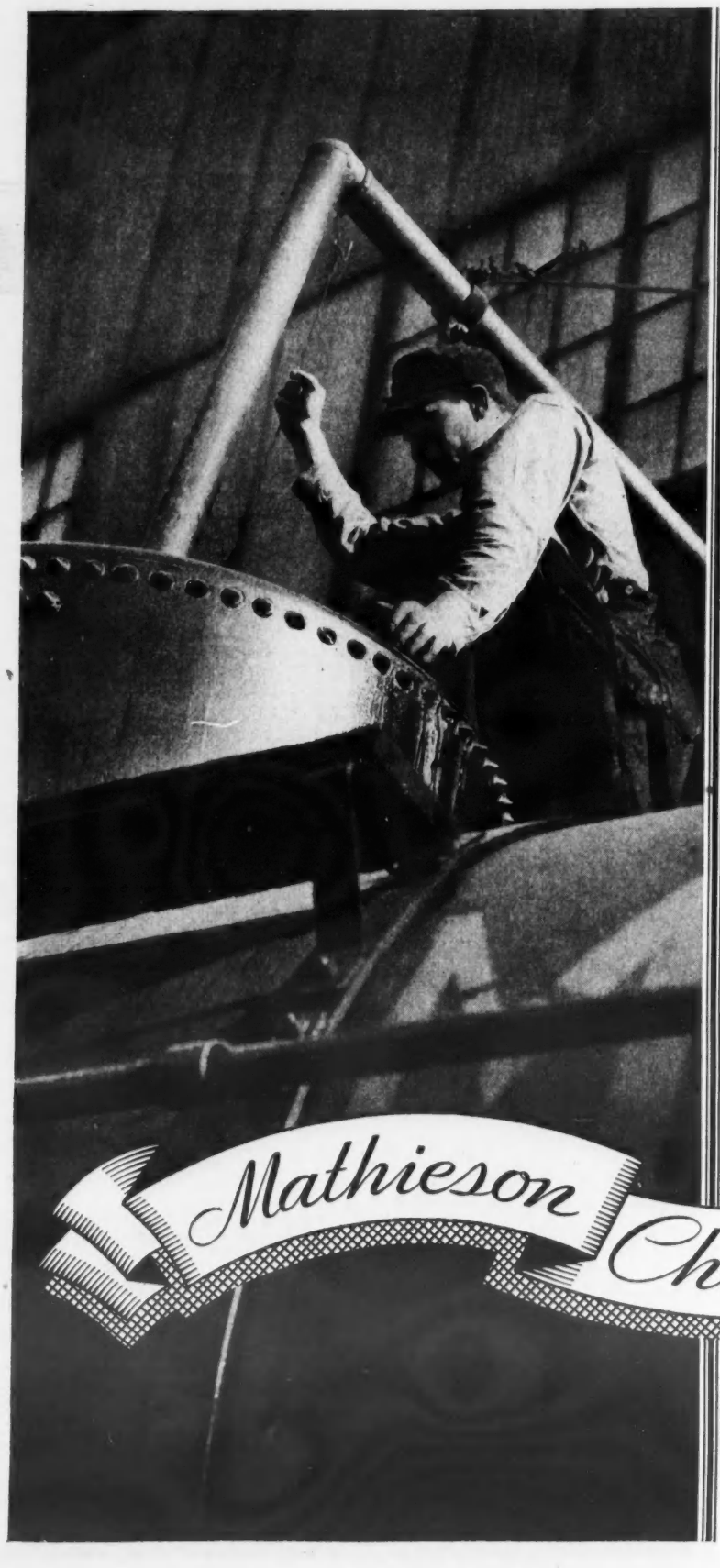
Red, Venetian, bbls., works	lb.	.0190-	—
10%, bbls., works	lb.	.0215-	—
15%, bbls., works	lb.	.02¼-	—
20%, bbls., works	lb.	.02½-	—
25%, bbls., works	lb.	.02¾-	—
30%, bbls., works	lb.	.03 -	—
35%, bbls., works	lb.	.0335-	—
40%, bbls., works	lb.	.03¾-	—
Vermilion, American, bbls., same basis alizarin lake	lb.	.15 -	—
English quicksilver, bbls., 500-lbs.	lb.	1.72 -	—
smaller lots	lb.	1.78 -	1.82
Red dyes are listed under Dyes.			
Red precipitate, U.S.P. IX, bxs., fib. dms., kgs., 100 lbs.	lb.	1.74 -	—
Red saunders wood, ground, bbls.	lb.	.12 -	.17
Resorcinol, tech., dms., works	lb.	.75 -	.80
USP, cryst., bbls., works	lb.	1.50 -	1.55
Rhatany root, bgs.	lb.	.08½-	.10
Rhodinol, bots.	lb.	5.75 -	15.00
Rhubarb, root, bbls., cs., kgs.	lb.	.32 -	.33
powd., bbls., kgs.	lb.	.35 -	.37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't	lb.	.14½-	—
smaller lots	lb.	.15 -	—
powd., bbls., 5,000 lbs., 1 shipm't	lb.	.13½-	—
smaller lots	lb.	.14 -	—
Rose flowers, pale, bls.	lb.	.22 -	.23
Red, bls.	lb.	2.00 -	2.10
Water, triple	djn.	4.75 -	5.00
Rosemary flowers, bls.	lb.	.35 -	.40
Leaves, bls.	lb.	.05 -	.05¼
Rosin, gum, B, bbls., ex dock	280 lbs.	9.50 -	—
E, bbls.	280 lbs.	9.90 -	—
D, bbls.	280 lbs.	10.20 -	—
F, bbls.	280 lbs.	10.75 -	—
G, bbls.	280 lbs.	10.75 -	—
H, bbls.	280 lbs.	10.75 -	—
I, bbls.	280 lbs.	10.75 -	—
K, bbls.	280 lbs.	10.90 -	—
M, bbls.	280 lbs.	10.90 -	—
N, bbls.	280 lbs.	11.00 -	—
W. G., bbls.	280 lbs.	11.05 -	—
W. W., bbls.	280 lbs.	12.75 -	—
X, bbls.	280 lbs.	12.75 -	—
Wood, New York, F.F., bbls.,	280 lbs.	10.66	-11.75
K., bbls.	280 lbs.	10.96	-12.05
M., bbls.	280 lbs.	11.16	-12.25
N., bbls.	280 lbs.	12.86	-13.95
Rottenstone, dom., bgs., c.l., f.o.b. mines	ton.	35.00 -	—
l.c.l., ex whse.	ton.	50.00 -	—
import., lump, bbls.	lb.	.12 -	—
powd., bbls.	lb.	.08½-	.10
Rue, bls.	lb.	.21 -	.23

S

Sabadilla seed, powd., bbls.	lb.	.23 -	.28
Saccharin, dms., 100 lbs.	lb.	1.70 -	—
cns., 25 lbs.	lb.	1.73 -	2.05
Safflower, bls.	lb.	.27 -	.28
Saffron, Mexican, bls.	lb.	.50 -	.55
Spanish, tins	lb.	13.50 -	14.50
Safrol, cns.	lb.	.58 -	—
dms.	lb.	.55 -	—
Sage, Dalmatian, stemless	lb.	.06¼-	.06¾
garden, bls.	lb.	.06¾-	.07¼
Sage flour, bgs.	lb.	.02¾-	.03¾
Salicin, cns.	lb.	4.00 -	4.25
Salol, kgs.	lb.	.90 -	.95
Salt, rock, bgs., dlvd. N. Y.	ton.	12.80 -	—
l.c.l., bgs., dlvd. N. Y.	ton.	14.00 -	14.30
vacuum, common, fine, bgs., c.l.,			
dlvd. N. Y.	ton.	14.80 -	—
l.c.l., dlvd. N. Y.	ton.	15.50 -	—
Saltcake, grd., dom., bbls., works,	ton.	19.00 -	23.00
bulk, works	ton.	12.00 -	16.00
import, bulk, c.i.f.	ton.	12.00 -	13.50
Chrome (see Chrome cake).			
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls.	100 lbs.	7.00 -	7.75
1-9 tons	100 lbs.	7.40 -	7.90
less than ton lots	100 lbs.	7.40 -	8.15
gran., bbls., 10-20 tons	100 lbs.	6.00 -	—
1-9 tons	100 lbs.	6.15 -	—
less than ton lots	100 lbs.	6.40 -	—
powd., bbls., 10-20 tons	100 lbs.	7.00 -	—
1-9 tons	100 lbs.	7.15 -	—
less than ton lots	100 lbs.	7.40 -	—
Santonin, cryst., cns.	lb.	30.00 -	32.00
Saponin, cns.	lb.	1.45 -	1.50
Sarsaparilla root, Honduras, bls.	lb.	.45 -	.50
Mexican, bls.	lb.	.20 -	.22
Sassafras bark, grd., bls.	lb.	.11 -	.12
select, bls.	lb.	.22 -	.23
Savory, bls.	lb.	.07½-	.08
Saw palmetto berries, bgs.	lb.	.28 -	.30
Scammony root, bgs.	lb.	.08 -	.07
Schaeffer's salt, bgs.	lb.	.46 -	—
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't	lb.	.11½-	—
smaller lots	lb.	.12 -	—
kegs, 5,000 lbs., 1 shipm't	lb.	.12 -	—
smaller lots	lb.	.12½-	—
Senega root, bls.	lb.	.58 -	.59
Senna leaves, Alexandria, bls.	lb.	.10 -	.11
Tinnevelly, No. 1, bls.	lb.	.11 -	.12
2, bls.	lb.	.07 -	.08
3, bls.	lb.	.05½-	.06
powd., bbls., bxs.	lb.	.09 -	.10
siftings, bls.	lb.	.10 -	.11
Pods, bls.	lb.	.06 -	.07
Serpentaria root, bls.	lb.	1.30 -	1.35
Shellac, bleached, bonedry, bbls., f.o.b. N. Y.	lb.	.21 -	.22
dlvd. Boston	lb.	.21½-	.22½
Chicago	lb.	.22 -	.23
Pacific Coast	lb.	.23 -	.24
refd., bbls., f.o.b. N.Y.	lb.	.25 -	.26
dlvd. Boston	lb.	.24½-	.25½
Chicago	lb.	.26 -	.27
Pacific Coast	lb.	.28 -	.29
Garnet, bgs.	lb.	.16 -	.17
Orange, D.C., VSO., Diamond, cases	lb.	.25 -	.26
superfine, bgs., f.o.b. Bost., N. Y.	lb.	.15 -	.15½
dlvd. Chicago	lb.	.16 -	.16½
Pacific Coast	lb.	.18 -	.18½
T.N., bgs., f.o.b. Bost., N. Y.	lb.	.14 -	.14½
dlvd. Chicago	lb.	.15 -	.15½
Pacific Coast	lb.	.17 -	.17½
Shellac, varnish, orange, 5-lb. cut, bbls.	lb.	.90 -	1.00
4½-lb. cut., bbls.	gal.	.85 -	.95
4-lb. cut, bbls.	gal.	.80 -	.90
white, 5-lb. cut, bbls.	gal.	1.05 -	1.15
4½-lb. cut, bbls.	gal.	1.00 -	1.10
4-lb. cut bbls.	gal.	.95 -	1.05
Silica amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works	ton.	17.00 -	—
l.c.l., 2½ tons, works	ton.	19.00 -	—
smaller lots, works	ton.	20.00 -	—
wet-grd., 95-97%, 325 mesh, bgs., c.l., works	ton.	18.00 -	—
l.c.l., 2½ tons, works	ton.	19.50 -	—
smaller lots, works	ton.	21.00 -	—
400 mesh, bgs., c.l., works.	ton.	35.00 -	—
l.c.l., 2½ tons, works	ton.	36.50 -	—
smaller lots, works	ton.	38.00 -	—
96-98% 325 mesh, bgs., c.l., works	ton.	20.00 -	—
l.c.l., 2½ tons, works	ton.	21.50 -	—
smaller lots, works	ton.	23.00 -	—
99%, 325 mesh., bgs., c.l., works	ton.	22.00 -	—
l.c.l., 2½ tons, works	ton.	25.50 -	—
smaller lots	ton.	27.00 -	—
hard-quartz, 140 mesh, bgs., c.l., works	ton.	11.00 -	—
l.c.l., works	ton.	16.00 -	—
Silver, bullion	oz.	.45 -	—
Govt. purchase	oz.	.7757-	—
Silver nitrate, vls.	oz.	.33 -	.35
Nucleinate, cns., 500 ozs.	oz.	.35 -	.36
Proteinate, cns., 500 ozs.	oz.	.54 -	.55
Simarubra bark, bls.	lb.	.28 -	.30
Skatol, bots.	oz.	4.00 -	10.00
Skullcap, Eastern, bls.	lb.	.25 -	.26
Western, bls.	lb.	.24 -	.25
Skunk cabbage root, bls.	lb.	.15 -	.16
Slate flour, bgs., c.l., works	ton.	9.00 -	—
l.c.l., works	ton.	10.00 -	15.00
Sloe berries, bgs.	lb.	.11 -	.12
Smalt, black, extra velvet, bbls.	lb.	.05 -	.06
Blue, bbls.	lb.	.06¼-	.07
Snakeroot, Canad., bls.	lb.	.24 -	.26
Soapbark, bls.	lb.	.07 -	.08
crushed, bls., bbls.	lb.	.11 -	.12
cut, bls., bbls.	lb.	.09 -	.10
powd., bbls.	lb.	.13 -	.14
Soda ablestate, dms.	lb.	.06 -	—
Acetate, anhyd., dms.	lb.	.03¼-	—
flake, 50%, dms.	lb.	.04¼-	.05
Alginate, dms.	lb.	.64 -	—
Antimoniate, bbls.	lb.	.15¾-	.16¼
Arsenate, dms.	lb.	.09½-	.11½
Arsenite, liq., dms.	lb.	.40 -	.75
Ash, dense, 58%, bgs., c.l., works	100 lbs.	1.25 -	—
l.c.l., Zone 1	100 lbs.	2.03 -	—
2	100 lbs.	2.18 -	—
3	100 lbs.	2.43 -	—
4	100 lbs.	2.83 -	—
bbls., c.l., works	100 lbs.	1.50 -	—
l.c.l., Zone 1	100 lbs.	2.25 -	—
2	100 lbs.	2.40 -	—
3	100 lbs.	2.65 -	—
4	100 lbs.	3.05 -	—
bulk, c.l., works	100 lbs.	1.10 -	—
extra light, 58%, bgs., c.l.	100 lbs.	1.23 -	—
l.c.l., Zone 1	100 lbs.	1.98 -	—
2	100 lbs.	2.13 -	—
3	100 lbs.	2.38 -	—
4	100 lbs.	2.78 -	—
bbls., c.l.	100 lbs.	1.60 -	—
l.c.l., Zone 1	100 lbs.	2.35 -	—
2	100 lbs.	2.50 -	—
3	100 lbs.	2.75 -	—
4	100 lbs.	3.15 -	—
bulk, c.l.	100 lbs.	1.05 -	—
light, 58%, bgs., c.l., works.	100 lbs.	1.23 -	—
l.c.l., Zone 1	100 lbs.	1.98 -	—
2	100 lbs.	2.13 -	—
3	100 lbs.	2.38 -	—
4	100 lbs.	2.78 -	—
bbls., c.l., works	100 lbs.	1.50 -	—
l.c.l., Zone 1	100 lbs.	2.25 -	—
2	100 lbs.	2.40 -	—
3	100 lbs.	2.65 -	—
4	100 lbs.	3.05 -	—
bulk, c.l.	100 lbs.	1.05 -	—

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more	lb.	.39 -	—
1,000 to 3,900 lbs.	lb.	.40 -	—
900 lbs. or less	lb.	.43 -	—
USP, bbls., 4,000 lbs., or more	lb.	.46 -	—
1,000 to 3,900 lbs.	lb.	.47 -	—
900 lbs. or less	lb.	.50 -	—
dms., 4,000 lbs. or more	lb.	.47 -	.48
1,000 to 3,900 lbs.	lb.	.48 -	.49
900 lbs. or less	lb.	.51 -	.52
Bicarbonate, gran., bbls., c.l., works	100 lbs.	2.15 -	—
powd., bbls., c.l., works	100 lbs.	1.75 -	—
l.c.l., dlvd. N.Y.	100 lbs.	2.39 -	—
kgs., c.l.	100 lbs.	2.00 -	—
l.c.l., dlvd. N.Y.	100 lbs.	2.64 -	—



It's
PRECIOUS LIQUOR
to Jim Lester

THERE'S more to Jim Lester's job in Mathieson's plant at Saltville, Virginia, than just filling liquid caustic tank cars. His is the task not only to see that cars are properly filled, but to make sure that each car interior is clean and free from defects before filling, that pipe lines, valves, pumps are all in perfect condition. On him rests a goodly share of the responsibility for the uniform purity of Mathieson Liquid Caustic when it arrives at your plant.

One reason Jim Lester carries this responsibility so well is his frank respect for the quality of Mathieson Caustic. Throughout the eleven years he has worked at Saltville, this man has watched his company steadily improve its processes, has seen it lead time and again in producing caustic which set new standards for purity and uniformity. With such a background, it is no wonder Jim Lester regards the product in his care as "precious liquor"—no wonder that, like all of the men behind Mathieson Chemicals, he spares no pains to deliver you a dependable product of uniform, outstanding purity.

The MATHIESON ALKALI WORKS *(Inc.)*
60 East 42nd Street New York, N. Y.

Send for free 72-page book, "Cutting Costs with Liquid Caustic Soda."

Mathieson Chemicals

SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH AND HTH-15 . . . AMMONIA, ANHYDROUS AND AQUA . . . PH-PLUS (FUSED ALKALI) . . . SULPHUR CHLORIDE . . . CCH (INDUSTRIAL HYPOCHLORITE) . . . DRY ICE (CARBON DIOXIDE ICE)

Soda, bichromate, spot, c.l., works..lb. .06½- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l. works 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works 100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, bbls.....lb. .31 - .32
Cacodylate, jars.....lb. .6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 70%, grd.,powd., ammon. process, bbls or works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1....100 lbs. 3.45 - 4.80
2 .....100 lbs. 3.60 - 4.95
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.60
electro process, dms., c.l. works..100 lbs. 2.95 - —
l.c.l, same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 70%, ammon. process, dms.,c.l.,works..100 lbs. 2.60 - —
l.c.l., Zone 1....100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
4 .....100 lbs. 3.85 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, USP, VIII, gran., bbls. 225 lbs. .21 - —
cns, 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns, 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs, 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns.. 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hydrophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst.,large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .65 - .70
cryst., kgs.....lb. .55 - .60
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100-lb. bgs., Mar.-June dlvy., ports.ton.27.50 - —
200-lb. bgs., same basis, ton.26.80 - —
bulk, same basis.....ton.25.50 - —
rfd., gran., bbls, 10-25.100 lbs. 2.25 - —
5-9 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls.....lb. .05¾ Nom.
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized...lb. .07 - —
West Coast, f.o.b. ports.lb. .08¼- —
l.c.l. .....lb. .08½- .11½
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works.... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .10 - .11½
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —

Soda, sal, bgs., dlvd., N. Y. 100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .06¼- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .37 - .40
Stearate, lump, bbls., works..lb. .20 Nom.
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.85
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .80 - .85
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .22 - .23
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01½- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs...100 lbs. 3.78 - 3.98
powd., bgs.....100 lbs. 3.88 - 4.08
Iodide, bots.....lb. 1.87 - —
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .08¼- .08¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .10¼- .10½
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .11 - .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import. bbls.....lb. .08½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts.long ton.18.00 - —
c.l., spot, nearby.long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long-ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., bbls., works..100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65

Sulphur, refined, flour, light, bgs., c.l., works..100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls, works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls, works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
Chloride, dms., c.l., works...lb. .02¼- —
l.c.l., dms., works.....lb. .03½- —
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .15 - .17
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Sicilian, bls.....ton.60.00 -63.00
leaf, bales.....ton.65.00 -68.00
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .08½- .09¾
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06¼- .06¾
poultry, bgs.....lb. .05¾- .06¼
Hungarian medium, bgs..lb. .06¾- .06¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.25 - 8.32½
run-of-pile, basis 16%, bulk same basis..ton. 8.00 - —
triple, 44-45%, a.p.a., bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc, dom., Calif., 1, bgs, c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96.98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
98-99½% 325 mesh,bgs.,c.l., mills, ton..14.10 - —
l.c.l., mills.....ton.15.00 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 -12.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
bgs., c.l., mills..ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import., Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.28.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .10 Nom.
extra, loose, works.....lb. .08¾- —
special, loose, works.....lb. .08¾- —
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 4.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 3.85 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago...unit-ton. 3.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, Mar.-Apr. shipt..unit-ton. 4.00 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .03½
Tar acid oil, 15%, dms, c.l., works .....gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .24½- —
l.c.l., same basis.....gal. .27½- —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd. bbls.....lt 90 - .30½
Terebene, cns. .....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .10 - .10½
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same basis.....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .41½- .42
Metal, Straits.....lb. .58 - —
Oxide, bbls.....lb. .57 - .59
Tetrachloride, anhyd., bbls...lb. .28½- —

Soda Bichromate—Vanillin

Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals.lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse....lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld.....lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
calcium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E. frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Tolidin base, kgs.....lb. .86 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsams, cns.....lb. .48 - .53
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works,..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks...lb. 2.50 - 2.60
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms, l.c.l., works. lb. 1.25- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .38 - .40
dms., c.l., dlvd.....lb. .32 - —
500 lbs., dlvd.....lb. .35 - —
tech., 1, cns., dlvd.....lb. .26 - .27
dms., c.l., dlvd.....lb. .22½- —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .34 - .35
dms., c.l., dlvd.....lb. .20½- —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works.lb. .28 - .30
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms.....lb. .34 - .36
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00- —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. 1.90 - 2.00
99%, dms.....lb. 2.05 - 2.15
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06½- .07
Madras, bgs.....lb. .06¼- .06¾
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .46½- —
l.c.l., 10, ex dock.....gal. .48½- —
5, ex dock.....gal. .50½- —
wood, dest.-dist., dms., c.l., dlvd, E. cities, ports..gal. .39 - —
l.c.l., same basis....gal. .41 - —
tanks, dlvd., E. cities..gal. .35 - —
steam-dist., dms., c.l., dlvd.gal. .44 - —
l.c.l., dlvd.....gal. .45 - —
tanks, dlvd.....gal. .37 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. Gulf ports..unit-ton. 1.04 - —
Uva ursi leaves, bls.....lb. .15 - .16

V

Valerian root, 67s.....lb. .11 - .12
Valonia, beards, bgs., shipt..ton.49.00 - —
Cups, bgs., shipt.....ton.32.00 -34.00
Vanilla beans, Bourbon, tins..lb. 4.00 - 4.50
Mexican, tins .....lb. 4.00 - 4.50
cut, tins.....lb. 3.75 - 4.00
South American, tins.....lb. 3.75 - 4.00
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more. lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —

Vanillin—Zinc Arsenite

Vanillin, ex-eugenol, 1-oz. tins, 2,000 lbs. or more..lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs.....lb. .47 - .49
Verdigris, kgs.....lb. .24 - .26
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .76 - .80
tree, bark, bls.....lb. .24 - .25
Wattle bark, bgs., shipt.....ton.31.00 32.00
Extract, 60°, bbls.....lb. .03½- —
Wax, bayberry, import, bgs....lb. .16½- .17
Bees, white, bleach, slabs., cs., 500 lbs..lb. .38 - .44
yellow, crude, Africa, bgs., lots of 10..lb. .29½- .30
1 bg.....lb. .30 - .30½
Brazil, Chile, bgs., 5-10 tons, lb. .31 - .32
1 ton.....lb. .31½- .32½
500 lbs.....lb. .32 - .33
100 lbs.....lb. .32½- .33½
refd., slabs, cs.. lbs.....lb. .34 - .38
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, bgs., No. 3 chalky, 1 ton..lb. .35 - .35½
3, bgs.....lb. .35½- .36
1, bgs.....lb. .36 - .36½
N. C. 2, bgs.....lb. .40 - .41
N. C. 3, bgs., 1 ton.....lb. .36½- .37
3, bgs.....lb. .37 - .37½
1, bgs.....lb. .37½- .38
refined, bgs.....lb. .41 - .42
Wax, carnauba, yellow, 1, bg., 1 ton..lb. .45½- .46
5, bgs.....lb. .46 - .46½
1, bgs.....lb. .46½- .47
2, bgs.....lb. .44 - .44½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¼- .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls....lb. .05½- .06
White precipitate, powd., bots, 5 lbs..lb. 1.90 - —
dms. .....lb. 1.70 - 1.78
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 - 14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.18.00 -20.00
l.c.l., works.....ton.18.50 -20.00
Whiting, chalk, gilder's bolted, blp. bgs., c.l., works.ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works. ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l. works ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works....ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
Whiting, limestone, water-floated, bgs. (extra), c.l., works ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock....ton.33.00 - —
Wormseed, American, bgs.....lb. .21 - .22
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

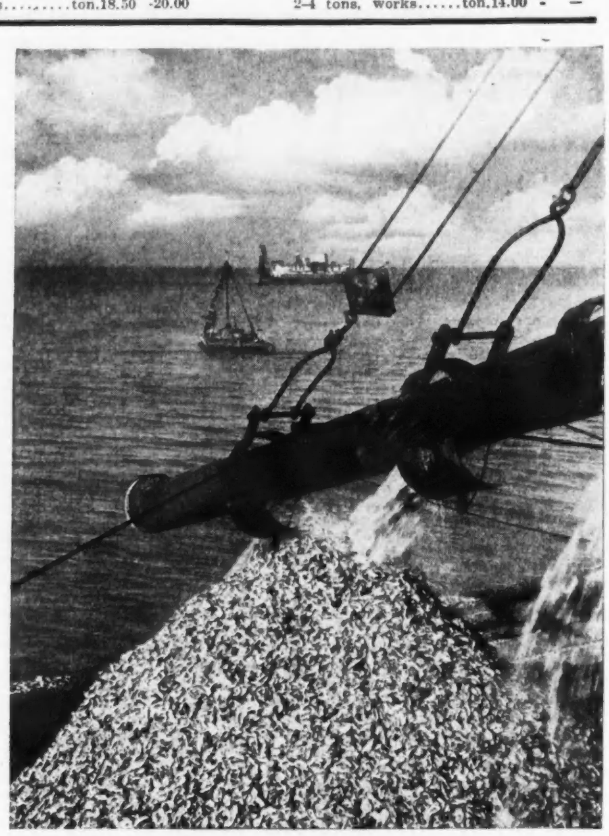
Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs, same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. .90 - .95
yellow, bbls., works.....lb. .90 - 1.00
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R. including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .13 - —
open order.....lb. .14 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01⅜- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import. lb. .0235- —
New York (f.o.b.)..lb. .02¼- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York.....lb. .02⅜- —
Philadelphia, for import..lb. .02⅜- —
Portland, Seattle..lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03½- —
Minneapolis .....lb. .03⅝- —
New York.....lb. .02⅝- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle...lb. .03⅜- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02½- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, U.Y. lb. .04½- —
l.c.l., same basis.....lb. .04⅝- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers, E. of Rockies..lb. .10 - —
dealers .....lb. .09½- .14½
1,000 lbs. and over, consumer..lb. .10½- —
dealer .....lb. .10 - .15
less than 1,000 lbs., consumer..lb. .11 - —
dealer .....lb. .10½- .15½
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. In lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.



Loading oyster shell into a barge alongside the W. D. Haden Company's Dredge No. 6 on Redfish Reef in Galveston Bay, only a few miles from the Houston Ship Channel.

CALCIUM CARBONATE

in Your Own Backyard!

THE shell reefs in Texas coastal waters furnish Texas industry an unusually pure source of calcium carbonate, right in its own backyard. These reefs are convenient to industrial centers all along the coast. Already, they support a thriving and varied industry: in Texas lime and cement are made from oyster shell, and shell contributes a necessary raw material to the heavy chemical industry; it is fed to hens and livestock; it is used to surface roads and as a concrete aggregate.

The supply is almost inexhaustible; reefs now being dredged are expected to last out the century, and undeveloped reefs afford a reserve to draw on for the next hundred years and the next.

The value of this natural resource to Texas industry is not only enhanced but in part created by other resources, equally abundant, equally useful to the industrialist. Natural gas, for example, furnishes the heat for the conversion of shell to lime and cement. It combines with our other resources—our oil, our sulphur, salt, timber, ores, clays and agricultural products (cotton, cotton linters, cattle, wool and mohair)—to offer expanding industry, new industry, an opportunity that has rarely been equalled in industrial history.

The coast country of Texas is a growing influence in your industry. It offers your own company undeniable advantages of natural resources, rail and water transportation, accessible markets. It will pay you to investigate it.

To assist you, we will gladly send you a survey of the Texas Coast Country individualized to your company's needs. These surveys are specially prepared on request; each is confidential, factual, comprehensive, reliable. We have prepared such surveys for many leading industries; send for one for yours. Address Houston Pipe Line Company, Petroleum Building, Houston, Texas.

HOUSTON PIPE LINE CO.
Subsidiary of Houston Oil Company of Texas
GEO. A. HILL, JR., President
Wholesalers of Natural GAS

Zinc, carbonate, tech., bbls.....lb.	.12	-	.14
USP, precip., powd., bbls..lb.	.31	-	—
bbls. .....lb.	.31	-	—
dms. .....lb.	.36	-	—
kgs. .....lb.	.33	-	—
Chloride, fused, dms., c.l., works..100 lbs.	4.25	-	—
l.c.l., dms., works.100 lbs.	4.60	-	—
gran., dms., c.l., works. 100 lbs.	5.00	-	—
l.c.l., dms., works.100 lbs.	5.75	-	—
solution, dms., works....lb.	.04½-		—
tanks, works.....lb.	.02	-	—
Cyanide, kgs., works.....lb.	.36	-	—
Dust, bbls., c.l., dlvd.....lb.	.0890-		—
l.c.l., 10,000 lbs. or over, dlvd..lb.	.0965-		—
less than 10,000 lbs., dlvd. lb.	.1015-		—
Fluoride, bbls.....lb.	.20	-	.25
Iodide, N.F., bots.....lb.	4.15	-	—
jars .....lb.	4.00	-	—
Metal (see daily quotations in report).	Market		
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb.	.05¼-		—
l.c.l., dlvd. except Pac. cst..lb.	.05½-		—
ex whse., Pac. cst.lb.	.05½-		—
bbls., c.l., dlvd.....lb.	.05½-		—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-		—
ex whse., Pac. cst.lb.	.05¾-		—
leaded, 5%, 35%, bgs., c.l., dlvd..lb.	.05½-		—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-		—
ex whse., Pac. cs.lb.	.05¾-		—
bbls., c.l., dlvd.....lb.	.05¾-		—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-		—
ex-whse.,Pac. cst.lb.	.05¾-		—

Zinc oxide, pigment, dom., Amer. process, leaded, 50% bgs., c.l., dlvd.lb.	.05¼-		—
l.c.l., dlvd., except Pac. cst..lb.	.05½-		—
ex-whse..Pac. cst.lb.	.05½-		—
bbls., c.l., dlvd.....lb.	.05½-		—
l.c.l., dlvd., except Pac. cst..lb.	.05½-		—
ex-whse.,Pac. cst.lb.	.05¾-		—
French process, coml., lead-free, bgs., c.l., dlvd.lb.	.05¼-		—
l.c.l., dlvd., except Pac. cst..lb.	.05½-		—
ex-whse.,Pac. cst.lb.	.05½-		—
bbls., c.l., dlvd.....lb.	.05½-		—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-		—
ex-whse.,Pac. cst.lb.	.05¾-		—
green seal, bgs., c.l., dlvd. lb.	.06¼-		—
l.c.l., dlvd., except Pac. cst..lb.	.06½-		—
ex-whse.,Pac. cst.lb.	.06½-		—
bbls, c.l., dlvd.....lb.	.06½-		—
l.c.l., dlvd., except Pac. cst..lb.	.06¾-		—
ex-whse.,Pac. cst.lb.	.06¾-		—
red seal, bgs., c.l., dlvd. lb.	.05¾-		—
l.c.l., dlvd. except Pac. cst..lb.	.06	-	—
ex whse., Pac. cst.lb.	.06	-	—
bbls., c.l., dlvd.....lb.	.06	-	—
l.c.l., dlvd. except Pac. cst..lb.	.06¼-		—
ex whse., Pac. cst.lb.	.06¼-		—
white seal, bgs., c.l., dlvd. lb.	.06¾-		—
l.c.l., dlvd. except Pac. cst..lb.	.07	-	—
ex whse., Pac. cst.lb.	.07	-	—
bbls., c.l. dlvd.....lb.	.07	-	—
l.c.l., dlvd. except Pac. cst..lb.	.07¼-		—
ex whse., Pac. cst.lb.	.07¼-		—

Zinc, oxide, pigment, import., gold seal, cks., ex dock.. lb.	.10¾-		.11¼
green seal, bbls., 1-15 tons, ex dock..lb.	.07½-		.09½
ex whse.....lb.	.07¾-		.09¾
red seal, bbls., 1-15 tons, ex dock..lb.	.08¾-		—
ex whse.....lb.	.09	-	—
white seal, cks., lots of 3, ex dock..lb.	.09¾-		—
ex whse.....lb.	.10	-	—
smaller lots, ex dock...lb.	.10	-	—
ex whse.....lb.	.10¼-		—
Oxide, USP, bbls., c.l.....lb.	.08	-	—
l.c.l. .....lb.	.08¼-		—
Palmitate, bbls.....lb.	.23	-	.25
Resinate, fused, pale, bbls...lb.	.10	-	—
precip., dms., dlvd.....lb.	.15	-	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20	-	—
l.c.l., 1 ton.....lb.	.21	-	—
1,000-2,000 lbs.....lb.	.22	-	—
less than 1,000 lbs..lb.	.23	-	—
USP, bbls.....lb.	.21	-	—
Sulphate, cryst., bgs., c.l.100 lbs.	2.65	-	—
l.c.l. .....100 lbs.	3.40	-	—
bbls., c.l.....100 lbs.	2.80	-	—
l.c.l. .....100 lbs.	3.55	-	—
flake, bgs., c.l....100 lbs.	3.05	-	—
l.c.l. .....100 lbs.	3.80	-	—
bbls., c.l.....100 lbs.	3.20	-	—
l.c.l. .....100 lbs.	3.95	-	—
powd., bgs., c.l.....100 lbs.	4.35	-	—
l.c.l. .....100 lbs.	5.10	-	—
bbls., c.l.....100 lbs.	4.50	-	—
l.c.l. .....100 lbs.	5.25	-	—
sulphide, bgs., c.l. (20 tons), dlvd..lb.	.09	-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09¼-		—
bbls., c.l. (20 tons), dlvd..lb.	.09¼-		—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09½-		—
Sulphocarbolate, NF, bbls...lb.	.24	-	.26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	4.65	-	—
l.c.l., dms, works.....100 lbs.	5.00	-	—

Zinc Carbonate—Zirconium

Zinc-iron oxide pigment, bgs., c.l., dlvd..lb.	.04	-	—
l.c.l., dlvd. except Pac. cst..lb.	.04½-		—
ex whse., Pac. cst....lb.	.04½-		—
Zirconium nitrate, kgs., works.lb.	3.00	-	4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.	75.00	-	100.00
kgs., small lots, works..lb.	.04¼-		.04½
white, 98%, grd., kgs., works. lb.	1.40	-	1.52

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the March 1 issue; the next printing will be in the April 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 35.

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries

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Fifty-fourth Instalment

Kolineum; weed killer; Koppers Company, Pittsburgh.

Kollamine; textile chemical; General Dyestuff Corporation, New York.

Kol-o-ro; dyeing soap; Tornabell Export Corporation, New York.

Koloydene; chemicals for use in brewing A. Boake Roberts & Co., London, England.

Koltreat (Calcium chloride); antidust reagent for coal and coke; Dow Chemical Company, Midland, Mich.

Kolux; flux used with ferrous and nonferrous metals; Refractory Products Company, Chicago.

Konate; mothproofing reagent; American Cyanamid & Chemical Corporation, New York.

Konset; accelerator of hardening of cement; Sullivan Company, Memphis.

Kontakt; saponifying agent; Twitchell Process Company, Cincinnati.

Koo-doo tartaric acid; Scottish Chemical Company, Greenock, Scotland.

Kopol; synthetic resins; Beck, Koller & Co., Detroit.

Koppeline; textile size and softener; Koppe Chemical & Oil Company, New York.

Koreon; tanning chemical; Rohm & Haas Company, Philadelphia.

Koroseal; plastic; B. F. Goodrich Company, Akron, Ohio.

K.O.S. tertiary alcohol; Sharples Solvents Corporation, Philadelphia.

Kosmobile carbon black; rubber pigment; United Carbon Company, Charleston, W. Va.

Kosmoflor; synthetic perfume materials; Schimmel & Co., New York.

Kosmos carbon black; rubber pigment; United Carbon Company, Charleston, W. Va.

Koutchol; oil used in vulcanization of rubber; Technische Chemikalien A.G., Halle, Germany.

K.P.O. polymerized varnish oils; Spencer Kellogg & Sons, Buffalo.

Kremol (White mineral oil); for pharmaceuticals and cosmetics; Sherwood Petroleum Company, Brooklyn.

Kreole leather dyes; A. K. Manufacturinf Company, New York.

Kromeflake (Chromic acid); Harshaw Chemical Company, Cleveland.

Krometo dyes and finishing reagents for textiles; John Campbell & Co., New York.

Krometone; iron oxide-aluminum silicate pigment; E. M. & F. Waldo, New York.

Kromlic; fat liquor for leather; Sternol, Ltd., London, England.

Kromoid; waterproofing for leather; Martin Dennis Company, Newark, N. J.

Kromoline sulphonated oils; for treating leather; Imperial Chemical Industries, Ltd., London, England.

Kronilyne (Triphenyl phosphate); Ohio-Apex, Inc., Nitro, W. Va.

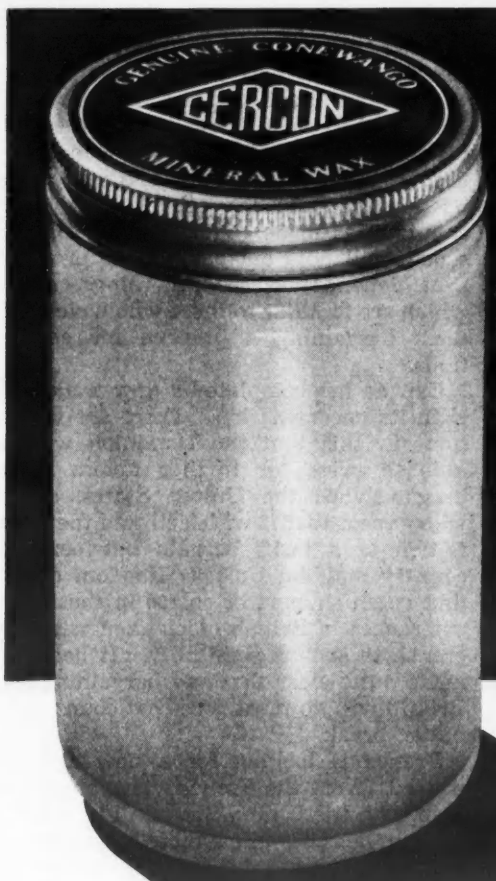
Kronisol (Dibutoxyethyl phthalate); Ohio-Apex, Inc., Nitro, W. Va.

Kronite (Triphenyl thiophosphate); Ohio-Apex, Inc., Nitro, W. Va.

Kronitex (Tricresyl phosphate); Ohio-Apex, Inc., Nitro, W. Va.

Kronos; titanium oxide pigments; R. W. Greeff & Co., New York.

(To be continued)



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Founded October 18, 1871, by William O. Allison

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Selfishness Will Help

Although the fate of the rehabilitation provisions of the Federal housing act remains unsettled, there is, in Congress and elsewhere, encouragement for those who—some for one reason; some for another—believe that it would be beneficial for the nation to use more paint for the purposes to which it is applicable. The movement for better housing for families in the low-income groups, represented in the Wagner-Steagall bill and the National Small Homes Movement, will spread the use of paint directly and indirectly with beneficent results.

Small homes, newly built, will be painted; because it cannot be conceived that this movement will be satisfied with a half-finished job. These new, painted homes will serve as stimuli for the painting that is greatly needed in the same communities. And from these the appeal of painted dwellings will spread to others. It will spread the faster and the farther as it will have the push of the paint industry behind it. This industry may well consider investing, not alone in sales promotion, but in selling, by providing for itself a plan of financing painting at a reasonable cost.

The paint, varnish, and lacquer industry launched an instalment plan for the financing of painting several years ago. This plan, while somewhat successful, had defects that more recent investigations of similar plans have shown to be as unnecessary as they are unwise Too much selfishness cannot successfully be blended in a professedly beneficent undertaking. The industry has been working by means of several plans under the Federal housing act. Its success has been encouraging, but is still far short of what can reasonably be expected. Out of its experiences the industry should be able to do much to help itself by helping its consumers.

There is selfishness in the interest of the paint industry in the beneficial results of painting; enough selfishness to justify a substantial investment. It is enlightened selfishness, which is of far greater good than is altruism that soon or later must "run out of gas." There is a profit motive in it, but the profit is for the user, as well as the maker of paint.

Consumers Raise the Bet

Procrastination has an unpredictable variety of consequences, as is now being clearly and emphatically demonstrated in the push for legislation, resulting from failure to press to a successful conclusion last year the attempt to revise very necessarily the Federal food and drugs act. Of course, stubbornness had something to do with that failure, but those who might have circumvented that obstacle did not vigorously endeavor to do so.

Consumers, always serious players in the prolonged game, have begun to bet their hand hard and high. Blocking their unreasonable demands for different dealing has become much more difficult.

It does not do the cause of revision any good to have conflicting forces in the endeavor. Active furtherance of prompt reasonable revision is now imperative.

—O-P-D—

Why Narrow The Field?

Resumption of the sidefight between governmental agencies, which blocked the revision of the Federal food and drugs act last year, is forecast by the revival of the movement to give the Federal Trade Commission specific authority to deal with false or misleading advertising of foods, drugs, and cosmetics. No public need is served by the revival of this proposal; no public service is purposed, insofar as it is possible to interpret the proposal in terms of public welfare.

There is logic and reason and necessity and the expectation of good behind the proposal to give the Federal Trade Commission jurisdiction with respect to practices that are unfair to, and deceptive of, the public. A public agency should have power to protect the public weal. The general provision for an extension of the commission's powers clearly would give it jurisdiction over false or deceptive advertising. There is no sound reason for the insertion in the proposal of a specific reference to the advertising of foods, drugs, and cosmetics.

Advertising of foods, drugs, and cosmetics has been no more deceptive than has that of many other articles of commerce. It has departed no farther and no more frequently from the truth. To hang the specific provision on the conditional hook that the effects of the advertising would be imminently dangerous to health, is to haul in an aspect of public welfare for which there is no specific constitutional provision, and which is not the worst among the evils that may result from deceptive acts and practices.

To support argument for this specific and, for some unknown reason, narrow proposal with statements that the commission's experience has particularly equipped it for the job, is to evaluate experience in a peculiar manner. The experience of the Food and Drug Administration with respect to labeling under the food and drugs act provides a much better qualification for the regulation of advertising, because an advertisement is nothing but an extension of claims made in labeling.

No fundamental question of governmental functioning is involved whoever is to administer the regulation of food, drug, and cosmetic advertising. An effective job could be done by either of the opposed agencies—and might be done by neither. Of major importance is the discrimination of picking out the food, drug, and cosmetic industries for specific characterization as deceptive advertisers. The Food and Drug Administration's functions are limited to the field of the food and drugs act and several somewhat related statutes. The Federal Trade Commission has powers in relation to all lines of business. Does it wish to avoid activities with relation to articles that are not foods, drugs, or cosmetics? Surely it cannot believe that the advertising of all other articles is above suspicion or even guilt.

—O-P-D—

Everybody's Bargaining

Tariff bargaining, like tariff building, once launched into popularity on the always troubled sea of international policies, will lead no one knows where. Tariff bargaining was a popular pastime in world affairs long before the United States took a flier in it. The bargaining was more closely limited than is that which reflects the legendary American generosity (suckerism, some call it) in many of its foreign dealings.

The tariff bargainers of earlier times had no disillusion about the effects they sought. They were not concerned with assuring an ever-peaceful world, safe for democracy or any other political creed or profession. They left such ideal to the United States, being fully aware of the fact that, once a nation, as well as a man, is paid for being good, it will find and make use of repeated opportunities to threaten a strike unless it gets more and still more pay.

So, there is a variety of significance, depending on the point of view, in recent developments in tariff bargaining to which the United States was not a party. For the time being, the trade pact between Cuba and the United Kingdom has been blocked by the senate of the former country. That was a trade pact, which would have made worse than a fire sale out of the tariff bargain which exists between the United States and Cuba, even though this bargain is far less catholic in its favors than are others which this country has made. How long the Cuban senate will hold out against the proposed pact depends on several things, all of which are familiar to those who have made tariff bargaining a practice for generations.

Canada has completed a new trade pact with its parent nation. There are indications in this that the Dominion will be able to press for further favors in its bargain with the United States. Those who expect that it will facilitate the negotiation of a tariff bargain between this country and the United Kingdom cannot find much support or solace in the recent utterances in British officialdom with reference to such a possibility. It has been made quite clear that any bargaining that Britain will do must give that country the better break.

France is looking for a new and improved (from the French viewpoint) bargain with the United States. The existing bargain has only a few more weeks to run. The bargaining habit has become widely epidemic—and seriously so. The price of peace by economic means can be poverty as often and as easily as it is when peace is sought through war. The most peaceful condition that many nations could know—and some would know—would be that resulting from an impoverishment of American industry. With everybody doing it, the indications grow that, in tariff bargaining, everybody will be doing the United States.

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Dean Whitmore Receives Nichols Chemical Medal

Dean Frank C. Whitmore, of the School of Chemistry and Physics, Pennsylvania State College, and president-elect of the American Chemical Society, received the William H. Nichols Gold Medal, highest distinction of the New York section of the society, at a dinner, March 5, given jointly by the section and the Society of Chemical Industry, at the Hotel Pennsylvania, this city.

More than four hundred scientists united in honoring Dean Whitmore, who

Dr. Frank C. Whitmore

was awarded the medal for studies in "metallo-organic compounds, especially those of mercury, and in the field of aliphatic chemistry, particularly in molecular rearrangements and in the polymerization of olefins."

Dr. Walter S. Landis, vice-president of the American Cyanamid Company, and chairman of the Nichols medal jury of award, presented the medal, which was established in 1902 by the late Dr. William H. Nichols, leader of the chemical industry in the United States, and a charter member of the American Chemical Society, to "stimulate original research in chemistry." Dean Whitmore, in his address of acceptance, discussed recent research on polymerization and the genesis and interrelation of his chemical investigations.

Prof. Marston T. Bogert, of Columbia University, former president of the society, spoke on the medalist's scientific achievements, and Dr. Gerald L. Wendt, director of the American Institute of the City of New York, outlined the medalist's personal career.

Dean Whitmore was born in North Attleboro, Massachusetts, in 1887, and received his early education in Atlantic City, N. J. He took the bachelor of arts degree at Harvard in 1911 and immediately began graduate work, receiving the A.M. in 1912, and the Ph.D. in 1914. He became dean at Pennsylvania State College in 1929. He has held many offices in the American Chemical Society, of which he has been a director since 1927.

Schieffelin & Co. Elects Directors, Officers for 1937

The annual meeting of Schieffelin & Co., wholesale druggist, was held March 1 and the following were elected directors for the coming year: Clarence D. Bailey, Frederic A. Burlingame, Charles C. Caruso, James C. Kennedy, jr., Henry S. Livingston, Frederick Osborn and W. J. Schieffelin, jr. The following directors constitute the executive committee: Frederick Osborn, W. J. Schieffelin, jr., and Henry S. Livingston, chairman.

At the meeting of the board following the stockholders' meeting, the officers for the year were elected, as follows: President, W. J. Schieffelin, jr.; first vice-president and secretary, Henry S. Livingston; second vice-president, Clarence D. Bailey; third vice-president, Charles C. Caruso; fourth vice-president, Ronald Helps; treasurer, Sturgis S. Wilson; assistant to the president and general sales manager, Edward B. Livingston; assistant vice-president, W. H. Frame, jr., and assistant treasurer, Charles S. Dodge.

Heavy Chemicals

General Demand Slower—Further Advance in Antimony Oxide —Soda Antimoniate Higher—Sharp Rise in Tin Crystals and Soda Stannate—Aluminum Advanced—Chlorine Firm

Business in the market for industrial chemicals was relatively quiet during the week just closed. Labor unsettlement in numerous industries, together with the near approach of March 15, the date on which contract prices for the second quarter will become known, caused a more cautious buying policy. At the same time it was reported that business has discounted in a large measure the uncertainty arising from pending Washington legislation. Changes in the market included an advance in aluminum, antimony needle and oxide, soda antimoniate, soda stannate, tin crystals and anhydrous tetrachloride of tin.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aluminum, 1c. per lb.
Antimony, needle, 1½c. per lb.
oxide, 1c. per lb.
Soda antimoniate, ¾c. per lb.
stannate, 1c. per lb.
Tin crystals, 1c. per lb.
tetrachloride, anhydrous, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.0	**154.0**	**153.9**	**153.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	**99.4**	**99.4**	**99.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Sit-down strikes were noted in small miscellaneous industries consuming chemicals. The staving off of the possibilities of a strike in the steel industry through the recognition of the CIO aided general business sentiment. Favorable production reports were heard regarding the steel, automobile, glass, rubber, textile, ceramic and tanning industries. Higher prices for antimony derivatives resulted from a recent increase in the metal price. Tin salts were higher by virtue of a sharp rise in the Straits tin, the actual demand for crystals and other tin derivatives being rather quiet.

Bleaching powder continued in a firm price position. Calcium chloride noted a better interest. Alkalies were unchanged. Copper derivatives continued firm, for the basic metal was in a firm price position in the domestic market. Chlorine was also firm. Soda phosphate noted a better demand, with a firm tone in evidence. Agricultural insecticides and fungicides continued in a firm price position, a better interest being shown as a result of the near approach of the active season.

Aluminum.—Reports from Pittsburgh stated that an advance of 1c. per pound was made in the price for the 99 percent material, the price for car lots being 20c. per pound and less car lots at 21c. per pound.

Alums.—A fairly good demand was reported for commercial and iron-free sulphate, a firm tone was in evidence. There was little to report in the market for ammonia and potash alum, sellers were quoting the prices in order previously. Total imports of alumina sulphate in 1935 by waterworks in Guatemala were 210 metric tons, 32 tons coming from United States and 178 tons from Belgium.

Ammonia, Anhydrous.—Business continued at a slow pace during the week just closed. However, sellers reported a decidedly firm tone was in evidence, for a good volume of business was reported on the books for forward delivery.

Ammonia, Aqua.—Demand here continued highly irregular throughout the week just closed, reflecting an inclination of consumers to hold commitments down to nearby wants. Prices were unchanged.

Ammoniac, Sal.—A fair amount of business was reported in both the white and gray material during the period just closed. No change was uncovered in quotations. Routine consumers supplied the call.

Antimony.—The market for antimony metal was quiet during the week, sellers reporting consumers continued to order out supplies for actual needs only. Price was about the same as at the close of the previous period. Declared exports of antimony regulus from China to the United States, as reported by cable by American consular offices, were 205 long tons in January against 200.3 tons in December, 1936; of oxide, 50 tons, compared with 50.3 tons in December; and of crude, 140 tons, against 100 tons in December. Of this, 100 tons of crude, valued at U. S. $11,407, were from Shanghai; the remainder was from Hankow. Hunan production was 650 tons in January, and by the end of the month stocks were 1,603 long tons against 1,565 tons in December, of which 650 tons were at the mines, 763 tons at Changsha, and 190 tons at Hankow. Total exports of antimony from Changsha in December were: Regulus, 1,193 tons; crude, 133 tons; oxide, 40 tons.

Antimony Oxide.—An advance was noted in this product last week; sellers were listing less car lot quantities at 16¾c. per pound. Antimony needle was higher at 15½c. to 18c. per pound, according to quantity.

Arsenic.—There was a fairly active call for white arsenic during the week just closed. Business in red arsenic continued highly irregular throughout the week, and quotations were steady to firm.

Barium Salts.—A firm tone prevailed in the market for chlorate and chloride, shipments of the latter were moving out in fair volume at times during the week. No change was uncovered in quotations. Business in hydrate and nitrate continued irregular.

Bleaching Powder.—This market continued to experience a good call throughout the week, sellers reporting prices were decidedly firm. A good volume of business remains on the books for forward delivery. No change was uncovered in quotations.

Blue Vitriol.—A fairly active interest was shown in this market again last week, and a decidedly firm tone was in evidence, for the basic material continued to display a firm tone. Sellers were reported to have a substantial volume of business on the books for forward delivery.

Calcium Chloride.—There was a fair amount of interest shown in this market again last week, prices were decidedly firm. The near approach of the active shipping season was a factor tending to give this market a firm tone. Calcium chloride production was recently launched in Belgium and first given real prominence at the Brussels 1935 exposition, where it was used to allay the dust on roadways. During 1936 many communal administrations made use of the product for playgrounds, park or municipal roadways, tennis courts, school yards, sport fields. Retail coal dealers throughout Belgium are using calcium chloride solutions for dustproofing coal for delivery within city limits. City gas works are using it to dry their gas. Contractors are being urged to utilize the product to mix with their cement for making possible construction work in reinforced concrete edifices during freezing temperatures, according to the commercial attache's office at Brussels.

Chlorine.—Shipments were moving forward at a good pace throughout the week. Producers reported prices were decidedly firm. Unfilled orders on the books for forward shipments were said to be sufficient to give the market the firm appearance.

Copper.—Quiet prevailed in the market for copper last week; sellers were asking 15c. per pound delivered Connecticut Valley base. The foreign market was highly irregular, with wide fluctuations in evidence.

Copperas.—Business in this market

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

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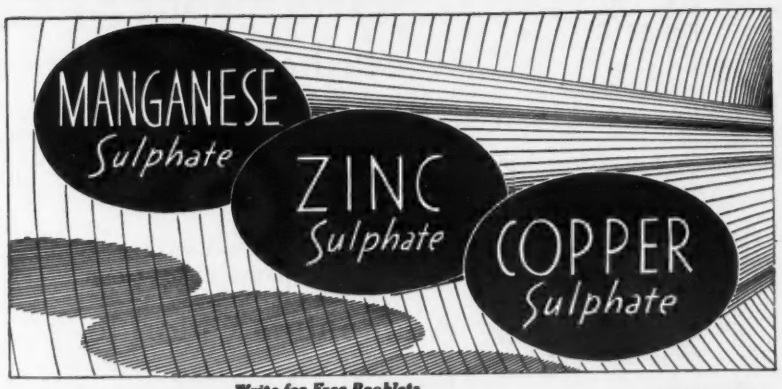

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NICHOLS COPPER COMPANY

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continued active throughout the week, sellers reporting prices were decidedly strong. Steel mill operations moved up to 85.8 percent of capacity, the highest production on record for some few years.

Feldspar.—Ceramic industry continued to order out fair sized commitments. No change was disclosed in prices.

Fluorspar.—This market revealed little change, stocks were said to be short, causing a nominal price situation. The high level of activity in the steel industry, together with production having been hampered by the recent flood and the unsettled condition in Spain, were the factors bringing about the shortage.

Lime.—Demand here continued good. Prices were unchanged. Sales of chemical and fluxing lime increased about 25 percent in 1936. About one-third of the lime in this category is used as a flux in steel making, and therefore experienced a substantial gain. The remaining two-thirds was supplied to chemical and manufacturing industries such as the paper trade, tanneries, glass works, and water purification plants virtually all of which were more active in 1936 than in 1935. About one-third of all lime sold in the United States is hydrated by the producing companies. Over half of the hydrated lime is used in construction, nearly one-fifth in agriculture, and the remainder for chemical and metallurgical uses. The latter uses consume a relatively small quantity. Ohio is the leading lime producer and Pennsylvania stands second. Normally, these two States produce more than 40 percent of the nation's total.

Nickel Salt. — There was a relatively good call noted for the single and double salts. Prices ruled firm. Platers were operating at a good level, reflecting the high production schedules in the consuming industries.

Potash Carbonate. — Demand here was fairly good during the week. Prices were firm. The textile mills in the New England district were ordering out representative quantities, for operations were at a good level.

Potash, Caustic. — Interest in this market continued along routine lines, the soap trade and chemical processors were ordering out in conservative fashion. Prices ruled unchanged.

Potash Chlorate. — Demand here was fairly good at intervals, the match manufacturers and other usual consumers were covering for nearby requirements. No change was uncovered in quotations.

Salt. — Demand was fair throughout the week for vacuum fine, and sellers were asking $14.80 per ton car lots delivered N. Y. and $15.50 per ton for less car lots on the same basis. Rock salt was priced at $12.80 per ton for car lots and $14 to $14.30 per ton for less car lots.

Saltcake. — A fair amount of business was noted here. Prices ruled unchanged. The call came from routine consumers, including the glass, paper and textile industries. Sodium sulphate production in Chile dropped sharply in November, 1936 to 9,469 metric tons from 21,839 tons in October. Exports likewise decreased—2,695 tons in November against 6,851 tons in October. Salt cake exported from Antofagasta increased to 160 metric tons in November from 36 tons in October.

Soda Antimoniate. — An increase in price was noted here, sellers were asking 15¾c. per pound for car lot and 16¼c. per pound for less car lots.

Soda Ash. — A fair demand was reported again last week, prices displayed a steady tone. A substantial volume of business was reported on the books for delivery during the rest of March.

Soda, Caustic.—This market continued to experience an irregular demand. No change was disclosed in quotations. At the close of 1936, a report was heard that the Netherlands Indian Government had been negotiating with a syndicate of important foreign chemical manufacturing concerns, for the establishment of a major chemical industry. This report is believed to be somewhat exaggerated, although it is known that the Government has been making a serious study of producing caustic soda by electrolysis in the Madura salt fields. It is probable that there will be some developments along this line in the near future. As far as is known at present, the Government does not intend to participate in any branch of the chemical industry which may be established, but there is little doubt that it will lend its aid in promoting the organization of any local enterprise which may make the Netherland India self-sufficient in certain industrial chemicals which are required by local industries. Caustic soda imports declined in 1936 to 5,135 metric tons, as compared with 6,978 tons in 1935, according to the trade commissioner at Batavia.

Soda Phosphate.—A good inquiry was reported for tri-basic as well as di-basic soda phosphate. Sellers were holding firmly to previously established levels.

Soda Silicate.—A good interest was noted in this market, usual consumers furnished the inquiry. Prices were well maintained.

Soda Silicofluoride.—There was a good demand reported in this market, the call coming from the ceramic trade as well as other routine consumers, and prices were well maintained.

Soda Sulphide.—Demand was good. Prices were firm. Sodium sulphide exports from Chile in November, 1936, amounted to 73 tons, divided between Brazil, 68 tons, and Uruguay, 5 tons; a 59 percent increase compared with the October exports of 43 tons.

Soda Stannate. — A slightly higher price was noted here, sellers were quoting 36½c. to 39c. per pound, according to quantity and packing. The higher prices resulted from a sharp rise in the basic metal.

Tin Salts.—Tin crystals were higher at 41c. to 41½c. per pound and anhydrous tetrachloride of tin was raised to 28½c. per pound. Straits tin Thursday was 57⅛c. per pound, the sharp rise being attributed to speculative buying abroad, for the local market was a rather drab affair.

Acids

Business in the mineral acids continued irregular during the week, but the volume transacted was slightly improved over the previous period. A steady to firm tone prevailed. There was little to report in the market for fomic acid, usual consumers were withdrawing conservative quantities. Prices for oxalic acid remained firm. Business in battery and boric acid continued routine. Muriatic acid noted an irregular demand, but prices held unchanged. There was a favorable demand for nitric acid. Chromic acid was in a firm price position. Acetic acid experienced a fair demand.

Acetic.—A good demand was reported in this direction. Prices were firm.

Battery.—A fairly active interest was noted for this material during the course of the week just closed. Prices were well maintained.

Boric.—Business in this market continued good, shipments against contracts moving forward at a consistent pace. No change was disclosed in prices.

Chromic. — This market noted a slightly better demand during the course of the period under review. The plating trade was ordering out for relatively high production schedules. No change was uncovered in quotations.

Formic.—Demand here continued irregular during the week. Quotations were well maintained.

Lactic.—Certain consuming quarters were operating at good production levels, causing a fairly active demand. Prices were well sustained.

Muriatic.—This market presented little change from recent weeks, shipments were moving out in moderate volume, and prices were well held.

Nitric.—Demand was much the same as in the preceding period, routine consumers were covering for nearby requirements, and prices were decidedly firm.

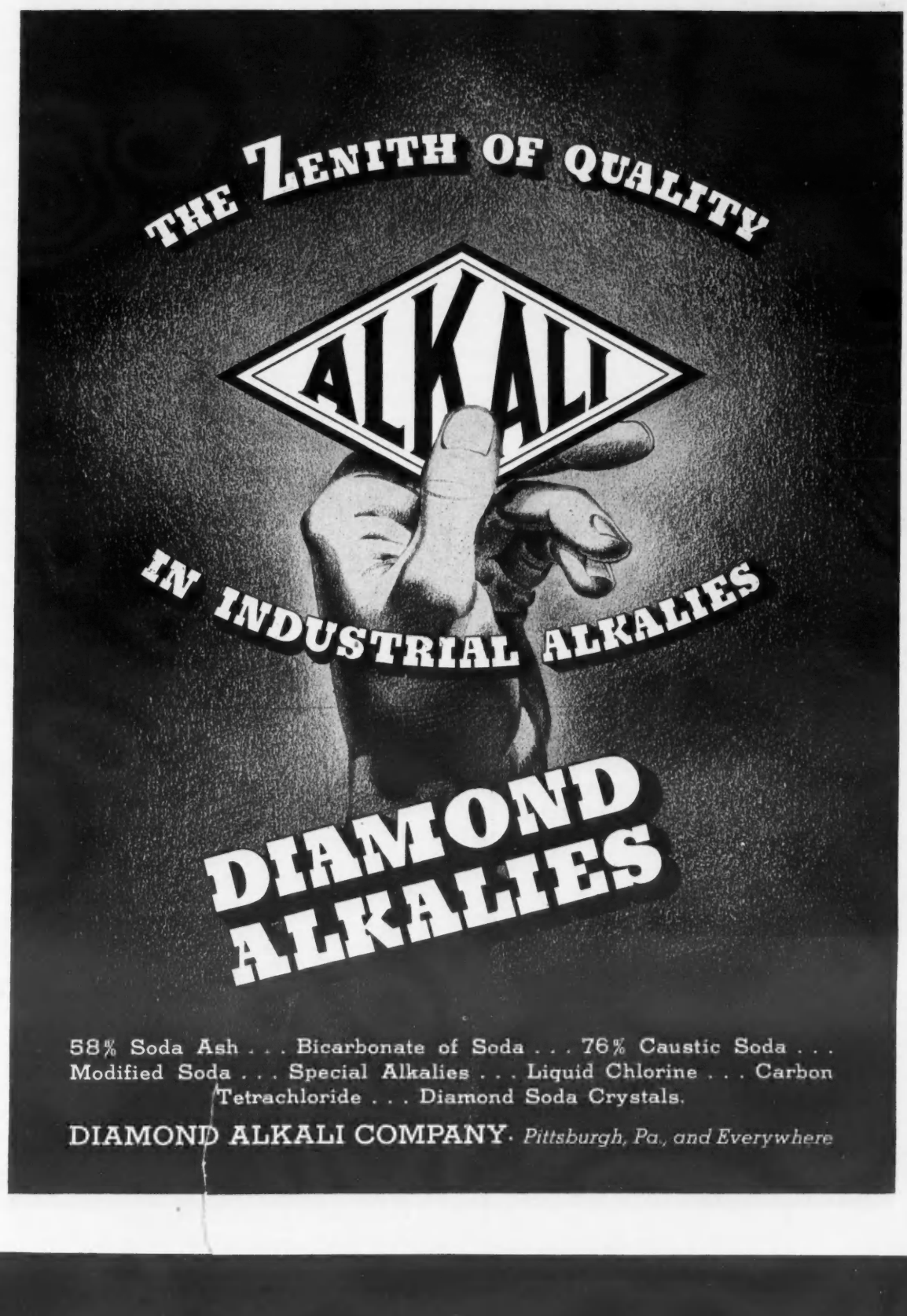
Oxalic.—A firm tone prevailed in this market against last week. Shipments were fairly large at intervals.

Sulphuric.—An active inquiry was reported for this material again last week, the call from miscellaneous consumers holding up exceptionally well. Major consumers were showing considerable interest. Steel mill operations were at the highest level on record for some few years, being 85.8 percent of capacity.

BALTIMORE, March 3, 1937.—The outstanding fact in the sulphuric acid market is scarcity of supplies and strength in quotations. It has been shown that the demand for acid exceeds to an extent the productive capacity, with the result that the contracts already placed by manufacturers of fertilizer mixtures, covering their requirements for the next year, have about absorbed the probable output. Not only do the inquiries now received come from potential buyers in this territory, but bids are being received from distant points, and most of these have been turned down because of inability on the part of the pro-

(Continued on page 33)

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7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AMMONIA LIQUOR
ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS AND REAGENTS
HI-FLASH NAPHTHA
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake and Ball
PHENOL (Natural)
U. S. P., 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINE
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
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Coaltar Chemicals

Further Broadening in Toluol Demand—Benzol Buying Good —Cresylic Acid Continues in Short Supply—Phenol Firm —Intermediates Steady—January By-Product Output Higher

Continuance of an active inquiry was manifested for coaltar chemicals during the week just closed. A short supply in many of the basic products was sufficient to give the market as a a whole a decidedly firm tone. The price feature was a sharp rise in less car lot quantities of high boiling cresylic acid.

Buying of toluol continued good, reflecting the gradual betterment in production schedules of the automobile industries, although some labor disturbance was noted in certain feeding industries. Xylol and solvent naphtha were decidedly firm. Benzol buying held up satisfactorily. Cresylic acid and cresol were in short supply. Final preparations were being made for the active shipping season in refined naphthalene, for indications were that an early Spring was in the offing. Phenol held firm, with a good export demand in evidence. A steady to firm tone was noted for intermediates.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Cresylic acid, high boil, l.c.l., 11c. per gal.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	123.1	123.1	125.8

Market news that may have developed after this report was sent to press will be found on page 4.

Activity in the coke industry during January was substantially at the same levels as in December, although the trend of production still mounted. The total output of both by-product and beehive coke amounted to 4,629,532 tons, or 151,027 tons per working day, an increase of 0.5 percent in comparison with the daily rate prevailing in December, according to the Bureau of Mines. Production of by-product coke for the month of January amounted to 4,357,632 tons, or 140,569 tons per day. Compared with December the rate advanced 0.2 percent, all of which occurred at furnace plants, where the average per working day was 1.4 percent higher than that of the preceding month. At merchant plants the rate declined 3.1 percent. The daily rate of pig iron production during the same period rose 3.1 percent. The production of beehive coke for the month increased from 10,023 tons per day in December, to 10,458 tons in January, a gain of 4.3 percent. Stocks of coke at by-product plants at the close of December were 9.0 percent less than at the beginning of the month. The bulk of the decrease occurred at merchant plants, where reserves were depleted by 10.7 percent.

Coking coal charged in by-product ovens in January amounted to 6,262,267 tons, against 6,241,864 tons in December, and 4,764,971 tons in January a year ago. Benzol production amounted to 10,369,000 gallons as compared with 10,317,000 gallons in December and 7,825,000 gallons in January a year ago. Ammonia sulphate, or its equivalent, was recovered to the amount of 69,698 tons in January, against 69,563 tons in December and 52,420 tons in January a year ago. Tar production was 57,612,856 gallons in January, against 57,425,137 gallons in December and 43,837,733 gallons in January a year ago. Light oil recovery in January was 14,340,591 gallons, against 14,293,758 gallons in December and 10,911,793 gallons in January a year ago.

Basic Products

Benzol.—A good volume of business was again transacted in this direction. Prices ruled firm. Considerable interest was shown in the steps taken by the steel companies to stave off the possibilities of a labor strike, several leading steel producers having recognized the CIO, as well as granting an increase in wages. Reports from the steel industry regarding operations were to the effect that capacity last week was 85.8 percent as compared with 82.5 percent in the preceding period. Indications were that steel companies had a substantial volume of unfilled orders on the books. Benzol production in January amounted to 10,369,000 gallons as compared with 10,317,000 gallons in December and 7,825,000 gallons in January last year. Fifty-five plants recovered benzol or motor benzol during 1936. There were 90 by-product coke plants in existence December 31.

Cresol.—Demand here continued excellent throughout the period under review. Prices remained firm.

Cresylic Acid.—This market was much the same as noted in recent months, the volume of business in the market exceeding supplies on hand, and quotations were strictly nominal. The small quantities of high boiling cresylic acid were passing at 85c. per gallon.

Naphthalene.—Quiet prevailed in the market for the crude material, for refiners were reported to have purchased substantial quantities since the start of the year. Imports were running ahead of last year, creating an easing price tendency. What business was noted was strictly shipments moving against contracts. Prices ranged around $2.80 to $2.85 per 100 pounds. Refiners were making final preparations for the movement of their product, indications being that an early Spring was in the offing.

Phenol.—Buying for export account continued good and a broad demand was noted from routine domestic consumers. Quotations ruled firm. Buying came from the synthetic resin industry and other routine channels of consumption.

Pitch, Coaltar.—Business continued fair. Prices remained steady to firm. The Netherlands coaltar pitch production, amounting to 50,000 metric tons in 1935, declined to 48,000 metric tons during 1936. While imports of this commodity increased 53 percent, exports were not maintained at the 1935 level, decreasing 15 percent. At present there are in the Netherlands thirteen coaltar distilleries. They obtain the bulk of their tar from approximately 200 gas works having an annual production varying between 100,000 and 110,000 tons of tar. Being subject to climatic conditions, coaltar pitch is merely a seasonal trade. Little or no trade is done during the summer months. Activity usually begins not earlier than October and ends in March, but contracts for a period of six months are usually concluded during August and September. According to official statistics, imports of coaltar pitch during the year under review increased to 25,632 tons from 16,721 tons in 1935. Exports decreased from 17,363 tons in 1935 to 14,824 tons in 1936.

Solvent Naphtha.—An active inquiry was reported for industrial water white; prices held firm. A routine inquiry was reported for high flash naphtha. No change was disclosed in quotations.

Toluol.—No slackening was shown on the demand side of this market during the course of the week under review. The automobile industry was reported operating at high levels, with a good volume business on hand. Indications were that further broadening in production schedules would be noted in the automobile industry in April.

Xylol.—A firm tone was a prominent factor in the market again last week. Demand continued good.

Chicago Coaltar Bases

CHICAGO, Mar. 3.—Characteristics of the coaltar bases market have changed little here recently. Most products are getting a fairly good call from buyers. With motor car production again swinging upward, toluol is in good tone. Benzol is quiet. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 43c.

Coaltar Acids

Anthranilic.—There was a fair demand noted for this material during

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

the week just closed. Quotations continued unchanged.

Broenner's.—A firm tone prevailed in the market for this article during the period under survey. No change was disclosed in quotations. Demand was strictly routine.

Cleve's.—Interest in this market was concerned with small quantities, but the price tone was decidedly firm. No change was uncovered in quotations.

Maleic.—This situation offered little varition from recent weeks, the call being confined to actual wants, and quotations ruled unchanged.

Monosulphonic. — Demand here continued quiet. The price position of the market was unchanged.

Salicylic.—Shipments moved out in good volume during the week just closed, the textile trade and other routine consumers supplied the call. Quotations were steady to firm.

Sulphanilic.—Dye makers and other usual consumers supplied a fair call. A steady to firm tone governed the dealings.

Intermediates

Anilin Oil.—Shipments were moving forward at a fairly good clip throughout the week just ended. Sellers reported prices were decidedly firm.

Betanaphthol. — A good amount of business was transacted in this market during the period under survey; routine consumers were withdrawing their quotas against contracts. Prices ruled decidedly firm.

Dinitrobenzene. — A firm tone prevailed in this market again last week. Shipments measured up satisfactorily. Quotations were in line with prices of the preceding period.

Dinitrotoluene. — Nothing important developed in this direction again last week. Prices were termed firm. Routine consumers withdrew a fair amount of business at times.

Metanitroaniliin.—There was little to report in this market during the course of the week, routine consumers were measuring purchases by actual production requirements. No change was uncovered in quotations.

Nitrobenzene.—This market revealed little change, shipments were moving out at a consistent pace. Prices were firm.

Orthotoluidin. — Usual buyers continued to adhere to a conservative buying policy. Prices were well maintained, for the basic material displayed a similar tone.

Phthalic Anhydride. — A substantial volume of business was reported in this market again last week. The consistency with which shipments were moving against contracts gave the market a decidedly firm price appearance.

Schaeffer's Salt.—Dull and featureless was this market during the week. Prices were firm.

Toluidin.—Business was of a routine nature throughout the week. Prices were unaltered.

Coaltar Colors

The market for coaltar colors continued to experience an irregular call during the week just closed. Manufacturing consumers in all directions continued to purchase supplies in a manner indicative of the continuance of an effort to hold stocks within the realm of actual wants. The market was without a specific price feature. Reports from the cotton cloth industry continued to tell of the high level of activity, the high production schedules resulting from the large volume of business booked shortly after the start of the year, for sales last week were running below current production levels. The trade in dyestuffs during the last quarter of 1936 was reported as definitely satisfactory and in greater volume than in preceding periods. Dyes for the cotton trades—particularly those catering to markets such as Africa and the East Indies—were in greater demand during the quarter than for some time. The woolen goods dyers were exceptionally busy during the period as the result of a marked expansion of both the domestic and foreign markets for this type of textile. Sales of dyestuffs to dyers of furnishing fabrics, carpet yarns, and other textiles for use in the home expanded. During the quarter, additional quantities of dyestuffs were consumed in the paper and textile industries as the result of orders for the Christmas and "Coronation" trades, according to the vice consul at Manchester.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

N.R.A. Influences Are Related to Congress

(Continued from page 3)

total wage distributions, which was at least partly neutralized by increasing prices; but it is impossible to isolate the effects on prices attributable to NRA, either as a reflection of wage increases in operating costs or as a reflection of the trade practice price provisions.

Average wage increases were moderate, though the minimum rates often meant substantial increases, not only in hourly rates but in weekly earnings, for the lowest-paid groups who were directly affected by them and who on the whole received the largest increases.

The moral and economic value of the NRA child labor provisions, which took out of industry a considerable number of persons below proper working age, is clear.

Collective Bargaining

The public support given by NRA to the principle of the freedom of labor to organize and bargain collectively was of great and probably lasting importance, out of proportion to the immediate and tangible results secured. A national stand had been taken on a question involving the essential rights of labor.

In the opinion of the committee, it is not possible to answer statistically the question whether NRA did or did not contribute to the industrial recovery, which did make evident progress during the NRA period.

It is clear, however, that NRA made a definite contribution toward changing the prevailing mood of the country from apprehension to hopeful effort, and this was vastly important in itself.

Trade Practices

Some of the trade practice provisions intended to raise prices, to stabilize prior price increases or to reduce accumulation of inventory, failed to accomplish their intended effect; but some of these "failures" may really have been moderate successes from the standpoint of general national recovery. This is a commentary on the inadequacy of our knowledge of how to treat the disease of industrial depressions.

NRA attempted to cover more ground, and at a greater speed than could possibly be covered effectively; and its whole program was colored by this fact, and by other facts closely akin to it.

Both management and labor went too far, with the result that many impracticable and unenforceable provisions were put into the codes to the detriment of the more worth-while provisions.

Flexibility Essential

The apparently simple conception of fixing maximum hours, minimum wages, and minimum price provisions, developed wholly unexpected degrees of complexity.

Hours needed to be flexible for a variety of reasons, and yet not so flexible as to defeat the original purpose. Wage rates offered problems in classification of workers, exemptions for learners and other substandard workers, and many other complexities.

The final NRA policy was, in spirit and intent, quite in harmony with the anti-trust laws, favoring competitive flexibility of prices and production as against control.

Carbon Black Ban By Texas Is Upheld

(Continued from page 5)

Brandeis quoted the lower court, which said:—

The loss of "sweet" gas (due to migration) may be relatively negligible and there is an abundance of factual support for the legislative prohibition against the burning of "sweet" gas for carbon black.

No facts had been found, the court concluded, which "would justify us in pronouncing the action of the legislature arbitrary."

Andrew A. Holmes, of United States Potash Company, this city, has returned to his office after an absence of several weeks because of influenza.

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COMMERCIALLY PURE BENZOL
90% BENZOL • CXP BENZOL
XYLOLS (SOLVENT NAPHTHA)
REAGENT BENZOL • PURE TOLUOL
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Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulphur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Treated Lumber . . . Special Machinery

THERE are many ways Koppers can serve you besides supplying Benzol, Toluol, Xylol, Solvent Naphtha, Phenol, Cresol, Cresylic Acid and Naphthalene. Many companies which are buying one or more Koppers products or Koppers service could profitably use many other Koppers products and make their work easier or their products better.

Koppers designs and builds machinery, equipment and complete plants. It supplies roofing, waterproofing, dampproofing, paints and other materials for plant construction and maintenance. It produces and markets coal and coke. It has made revolutionary improvements in piston rings and is the only manufacturer of Fast's self-aligning Couplings. It makes water and gas valves, fire hydrants, tanks, pipe, plate work. It operates shipyards.

Let us send you information about any of these types of Koppers services which would fit into your work.

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PITTSBURGH, PA.

KOPPERS DIVISIONS—American Hammered Piston Ring Division . . . Bartlett Hayward Division . . . Engineering and Construction Division . . . Gas and Coke Division . . . Tar and Chemical Division . . . Western Gas Division. • KOPPERS SUBSIDIARIES AND AFFILIATES—Eastern Gas and Fuel Associates . . . Hiler Engineering and Construction Company, Inc. . . . The Koppers Coal Company . . . Koppers-Rheolaveur Company . . . The Maryland Drydock Company . . . The White Tar Company of New Jersey, Inc. The Wood Preserving Corporation

Fair Trade Legislation on New Tack in New York

(Continued from page 3)

teriorated in quality, and notice is given to the public thereof;

3. By any officer acting under orders of any court.

The novel characteristic of the new Feld bill is found in the procedure provided for making a minimum price contract effective. Full force for such a contract could be obtained with relation to all resellers, whether or not they had entered into contractual relations with the owner, by the filing and advertising of the contract in the manner prescribed with respect to a trademark or other registered brand. The bill says:

The proprietor of a label, trademark, or other private mark, entering into a contract with a buyer, as hereinbefore provided, may file in the office of the secretary of state on the payment of a fee of five dollars a certified copy of any such contract and the secretary of state shall duly index and record the filing of such contract in a book to be kept for such purpose. The secretary of state shall deliver to such proprietor of such trademark, label, or private mark so filing a certified copy of any such contract a certificate under his seal of the record thereof. Any proprietor of a label, trademark, or other private mark, entering into such contract and so filing a certified copy thereof as herein provided, may publish a brief summary of such contract, in a form to be approved by the secretary of state, in the same manner and in the same number of insertions in a newspaper or newspapers as is by the previous section prescribed for the publication of notice of registration of a label, trademark, or other private mark. Such certificate granted by the secretary of state under this section and proof of publication as aforesaid shall be prima-facie evidence of such contract, in any action or proceeding under this section.

The Feld bill also would amend section 367 of the trademark law to permit a foreign corporation maintaining an office in the State to make the collateral local registration of its marks in the county where it has its principal office. A minor change is proposed for the provision regarding the advertising of a registered mark in newspapers.

There is a provision in the trademark law, which can be applied to prevent the invalidation of a minimum price contract—as the Supreme Court of the United States intimated—by removal of the brand from a commodity. This could be done by having the private mark stamped or blown in the container. The law reads:

No person other than such proprietor in such cases where filing and publication is made as aforesaid, shall remove, deface, or obliterate any device, brand, stamp, mark, name, trademark, or other private marks impressed, stamped, or blown into the substance of which any such vessel or receptacle is composed, without the written permission of such proprietor or unless there has been a sale to such person of such vessel or receptacle exclusive of the contents thereof by such proprietor.

The Feld bill is backed by the secretary of state, and is the first measure directed to the elimination of unfair competition in price to have official departmental support in any State legislature.

Charles Wesley Dunn, general counsel to the American Pharmaceutical Manufacturers Association, gave an able analysis of the day's biggest political issue—reform of the Supreme Court of the United States—in a recent address. Mr. Dunn has had this address printed as a pamphlet with the title, "The Supreme Court Issue."

Paint Technicians Hold Conference in South

(Continued from page 5)

the expanse of its territory, an advisory committee was appointed. The members are E. L. Gott, of the Gilman Paint & Varnish Company, Chattanooga; Raymond A. Perry, of the Warren Paint & Color Company, Nashville; and E. B. Cordon, of the Magic City Paint & Varnish Company, Birmingham.

Because of the great number of problems in which they are interested, the members of the organization stretched their discussions into the evening of the second day, when a number of group sessions were held.

Enjoyable entertainment was provided between times by a committee composed of Paul Kollie, J. C. Lang, and F. W. Meaders. There was a banquet the first evening, followed by a stupendous floorshow.

The next afternoon the meeting was turned into a grand bowling tournament, with forty-five performers and about twice as many enthusiastic spectators. A generous supply of prizes had been provided by the Aluminum Company of America, American Mineral Spirits Company, American Cyanamid & Chemical Corporation, Eagle-Picher Lead Company, R. T. Hopkins, Kentucky Color & Chemical Company, New Jersey Zinc Sales Company, Reichard-Coulston, Inc., Resinous Products & Chemical Company, Southern Shellac Manufacturing Company, Titanium Pigment Corporation, and R. T. Vanderbilt Company.

The prize-winning bowlers were:—

Top, Hughes, of the Mobile Paint Manufacturing Company.

Second, Peters, of the New Jersey Zinc Company.

Third, Quigley, of the Lilly Company.

Recognition, Wood, Gardner, Brennecke, Williams, Porter, Short, and Thurnser.

Consolation, "Doc" Knauss and "Master of Ceremonies" Hughley.

Tydings Bill Held Up By Price-Fixing Fear

(Continued from page 5)

Gray, of the American Farm Bureau Federation; Mrs. W. E. Fribley, of the Housewives League of America; Irving C. Fox, of the National Retail Dry Goods Association; and Q. Forrest Walker, of R. H. Macy & Co.

In the course of the hearing Senator Warren R. Austin of Vermont asked Senator Tydings whether, in the event the fair trade bill was not passed, Congress would not be asked to pass similar price legislation, like the Guffey coal bill, for separate industries. Senator Tydings said that such a situation would arise, with the stronger industries getting the bigger favors. He argued that this was a reason why his undiscriminatory bill should be passed.

Three-in-One Oil Company Wins Trade Mark Decision

The Three-in-One Oil Company has been sustained by the United States Court of Customs and Patent Appeals in its fight against the registration of the trade-mark, "Three-in-One Cement," by the St. Louis Rubber Cement Company, seeking a trade-mark for a combination adhesive cement. The decision reversed a Patent Office ruling.

According to the court the vital question involved was whether there would be a likelihood of confusion of the two articles so as to result in damage to the owner of the prior registered trademark (the oil company). Testimony was introduced by the oil company which tended to show that there was and had been confusion of the two articles which had resulted in damage to the oil company. No refuting evidence was introduced by the cement company.

Judge Garrett dissented in a manner that blasted the majority opinion as a step which would force the court in later decisions, "to look to the trademark and if it might create confusion, goods will be considered as being of the same descriptive quality." This, in Judge Garrett's mind, is giving a false construction to the trademark laws as they stand.

Dow Chemical Company has called for payment March 31, at 100½ and interest, the entire issue of its 2½ percent serial notes E, due January 1, 1940, at the Cleveland Trust Company, Cleveland.

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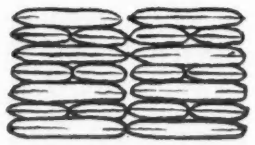

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Dyestuffs and Textile And Leather Chemicals

Valonia Cups Higher—Beards Unchanged—Zinc Dust Reflects Rise In Basic Metal Price—Good Demand for Quebracho and Myrobalans—Egg Products Continue Quiet

Demand in the market for dyestuffs and tanstuffs continued highly irregular throughout the week just closed, but the volume of business continued to run ahead of the same period a year ago. Despite the high level of activity in some divisions of the textile and tanning industries, sellers apparently were adhering to a program of confining purchases to actual production wants. Changes in the market included an advance in valonia cups and zinc dust.

The rise in prices for valonia cups came about as a result of an improved demand. Valonia beards held unchanged. A steady to firm tone ruled the dealings in mangrove bark and myrobalans, the latter product being exceptionally active at times during the period under survey. Estimates placed the 1936 shoe production at 415,000,000 pairs, comparing with 384,000,000 pairs in 1935, and establishes a new high level for some few years. Forecasts have it that 1937 promises to be another 400,000,000-pair year. Egg products were quiet, consumers were apparently awaiting further developments at Washington on the excise tax situation and dealers were waiting further developments in the China market, for prices for Spring delivery were said to be rather high. Zinc dust was higher because of an increase in price for the basic material. Bichromates remained firm. Alumina chloride was quiet. There was little to report in antimony salt. Dyestuffs were fairly active at times, but the hand-to-mouth buying policy was responsible for slowing the market at times. Cotton cloth mills were operating at high levels, the production rate being maintained by the large volume of orders booked earlier in the year. Labor unsettlement was noted in some of the hosiery mills in Reading, Pa. Annatto continued quiet. Corn derivatives were firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Valonia cups, $1 per ton.
Zinc dust, 20 points.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.8	152.8	152.9	152.3

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride. — Demand was highly irregular throughout the week. No change was disclosed in quotations, for a firm tone prevailed.

Antimony Salt.—Business in this market continued spotty throughout the week. Indications were that consumers were not inclined to relinquish the hand-to-mouth policy. Prices ruled unchanged.

Potash Bichromate.—A firm tone continued as a prominent factor in this market during the week just closed. Routine consumers were ordering out supplies at a fair pace, and a good volume of business was on the books for shipment during the rest of the month.

Potash Prussiate.—This market continued along the lines noted recently, the yellow product was in good demand and a fairly active interest was shown for red prussiate. No change was disclosed in quotations, sellers naming prices established recently.

Soda Bichromate.—A good amount of business was transacted in this market again last week, the volume being sufficient to give the market a firm price appearance. Routine consumers supplied the interest.

Zinc Dust.—An advance of 20 points was reported for this product; sellers were quoting 8.90c. to 10.15c. per pound, according to quantity. Advance in price was caused by a rise in the basic material.

Dyestuffs

Annatto. — Demand for paste and seed annatto continued highly irregular, but the dull call in evidence at times during the period under review failed to have an influence on the market pricewise.

Archil.—A fair demand was reported for this article at intervals but it was quite apparent consumers were covering when needs reached an urgent point. No change was disclosed in quotations.

Cochineal.—This market offered little variation from recent weeks; consumers continued to purchase the Teneriffe silver and gray articles in small quantities, but no change was disclosed in prices.

Fustic. — Some sections of the textile industry were operating at relatively high levels; the interest in this product was fairly good as a result, and prices were well sustained.

Indigo. — The market for synthetic indigo continued to experience a good demand. A firm tone was in evidence. Demand for natural indigo was spotty, but the limited amount of material on hand gave the market a firm tone.

Logwood. — Although the market was rather quiet at times during the week, sellers reported prices were steady to firm.

Madder, Dutch. — Interest in this market was concerned with an occasional small quantity. Prices were unchanged.

Sizing Materials

Albumen. — Demand continued quiet throughout the week. Manufacturing consumers were apparently confining purchases to actual production wants. Dealers, on the other hand, were awaiting further developments in the trading in China for the Spring delivery prices there were said to be fairly high. There were no new developments in Washington last week relative to proposed excise taxes, and no source was available that could definitely say what was in the offing along the lines of excise taxes. However, the decision of the Agricultural Adjustment Administration not to outline an egg purchasing plan for domestic egg driers at this time was a factor creating a slightly better interest in the market.

Dextrin. — A good volume of business was transacted for routine account during the period just closed, and the volume of business on hand, together with the firm position of the basic grain market, tended to give prices for corn derivatives a firm tone.

Egg Yolk.—Demand here was spotty throughout the week. A combination of causes created an irregular demand, especially the higher prices for Spring deliveries from the primary market. Quotations were unchanged.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. March whole mixed futures closed on Friday at 18.50c. to 19.15c.; April, 18.50c. to 19.15c.; May, 19.50c.

Starch.—Demand here continued fairly good throughount the period under review. No change was disclosed in quotations, for a firm tone was in prominence in the basic material.

Tanning Materials

Divi-Divi.—Quiet prevailed in this market again last week, but prices were nominal, for supplies were small.

Gambier.—Business in the market for Singapore cubes and plantation gambier continued fairly active, prices ruled unchanged. The market for common gambier noted a good amount of interest, but prices were nominal.

Mangrove Bark.—Although an irregular call was shown for this material, sellers reported prices ruled firm at $26 to $27 per ton, according to point of shipment.

Myrobalans.—A good volume of business was transacted in this market again last week. Sellers reported prices for J1 material as well as quotations for J2 and R2 continued steady to firm.

Quebracho.—A substantial volume was moved to routine consumers throughout the week just closed. Prices displayed a firm tone.

Sumac.—A fair demand was reported for ground sumac, sellers were asking previous prices. There was little to report in the market for leaf sumac, demand being fair and quotations were steady.

Valonia.—An advance of $1 per ton was reported for the cups, sellers were asking $32.50 to $34.50 per ton. No change was noted in prices for beards.

Wattle Bark.—Business was fairly active, prices remained firm at previously esablished levels.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Writing Ink Production Up 34 Percent in 1935

Establishments engaged primarily in the manufacture of writing inks in the United States in 1935 reported production valued at $3,381,907, compared with $2,522,118 in 1933, according to a preliminary report of the Bureau of the Census compiled from returns of the recent biennial census of manufactures.

Comparative statistics of the industry for 1935 and 1933 follow:—

	1935.	1933.
Number of establishments	22	22
Wage earners (average for the year)	377	355
Wages	$379,236	$321,281
Cost of materials, containers, fuel, and purchased energy	$1,414,541	$1,226,493
Value of products	$3,381,907	$2,522,118
Value added by manufacture	$1,967,366	$1,295,623

Copeland Drug Bill Has Been Revised

(Continued from page 3)

inal injunction or libel for condemnation proceedings under this act, or when the secretary has probable cause to believe from facts found by him that such misbranding of the article renders it imminently dangerous to health." The proposed amendment will add to this language the phrase, "or is, in a material respect, false and fraudulent."

Senator A. Harry Moore of New Jersey has served notice that when the bill is called up he will propose an amendment in the nature of a substitute which would amend the present food and drugs acts by increasing penalties, widening the definitions of adulteration and misbranding, and making the act apply to advertising and cosmetics. The proposal is said to have originated with the New Jersey Medical Society.

Inflammable liquids could not be sold in this state in metal drums of more than 55 gallons' capacity under the provisions of a bill (S. 513) introduced at Albany by Senator Garrity. The bill, which is primarily directed to the standardization of tanktrucks, applies also to products of inflammable liquids.

Heavy Chemicals

Acids

(Continued from page 29)

ducers to take care of them. One outside inquiry held a big of $15 per ton for 66-degree acid, which has been the nominal quotation for some time. It was declined by the acid maker who got the inquiry because he is not in position to fill the order and perhaps would not take it otherwise except perhaps at a higher price. The eagerness to get 60 degree acid is equally urgent, and here, too, offers to take substantial quantities of acid have been refused. Whether bids higher than $12 per ton for this strength would bring out acceptance is uncertain. As for oleum, the call is also quite active, with $16.80 per ton for 20 percent material now the actual, instead of the nominal figure.

Insecticides

Business in the market for agricultural insecticides and fungicides was fairly good at times during the week, the inquiries being largely concerned with forward shipments. The price position of the market was said to be steady to firm. Lead arsenate was firm again last week and a similar tone was displayed in calcium arsenate. There was little to report in bordeaux mixture. Prices for nicotine sulphate were steady to firm.

Bordeaux Mixture.—Demand here continued quiet during the week. Prices were unchanged.

Calcium Arsenate.—A firm tone prevailed in this market during the period under review. No change was disclosed in quotations.

Lead Arsenate.—A firm tone prevailed in this market during the week. A fair inquiry was noted.

Nicotine Sulphate.—Demand continued spotty. No change was disclosed in quotations.

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Producers' Guide to New Markets Technical Information for Processors

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Five-hundred-thirty-first Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

3-Amino-4-benzyloxybenzotrifluoride-6-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

3-Amino-4-ethoxybenzotrifluoride-6-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

3-Amino-2-methoxybenzotrifluoride-4-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

3-Amino-4-methoxybenzotrifluoride-6-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

1-Anthraquinonylbeta-paratoluenesulphonyl-ethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

Betaphenoxyethyl-lauramide

Chemical

Starting point (Brit. 443902) in making—
Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

---

Betaphenylethylbeta-phenylisopropyl-methylamine Hydrochloride

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

Betatolyloxyethyl-lauramide

Chemical

Starting point (Brit. 443902) in making—
Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

5-Chlor-2-aminobenzotrifluoride-3-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

2-Chlor-5-aminobenzotrifluoride-4-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

8-Chlor-1-naphthylbeta-paratolylthioethyl Sulphoxide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

2:5-Dichlor-3-amino-benzotrifluoride-6-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

Dimethylcyclohexyl Tartrate

Ceramics

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 432404) for—
Cellulose esters and ethers

Cosmetic

Plasticizer (Brit. 432404) in—
Nail enamels and lacquers containing cellulose esters or ethers as a base material

Electrical

Plasticizer (Brit. 432404) in—
Insulating compositions, containing cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (Brit. 432404) in—
Adhesive compositions containing cellulose esters or ethers

Leather

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metallurgical

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 432404) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (Brit. 432404) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (Brit. 432404) in making—
Films from cellulose esters or ethers

Plastics

Plasticizer (Brit. 432404) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

Plasticizer (Brit. 432404) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Woodworking

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

---

Diphenylmethyl Thiophosphate

Ceramics

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1982903) for—
Cellulose esters or ethers (claimed to be more compatible with cellulose esters than are the triaryl thiophosphates)

Cosmetic

Plasticizer (U.S. 1982903) in—
Nail enamels and lacquers containing cellulose esters or ethers as a base material

Electrical

Plasticizer (U.S. 1982903) in—
Insulating compositions, containing synthetic resins and cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 1982903) in—
Adhesive compositions containing synthetic resins and cellulose esters or ethers

Leather

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used in the manufacture of artificial leather and as coatings for protecting and decorating leather and leather goods

Metallurgical

Plasticizer (U.S. 1982903) in—
Coating compositions, containing synthetic resins and cellulose esters or ethers, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1982903) in—
Coating compositions, containing synthetic resins and cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 1982903) in—
Paints, varnishes, lacquers, enamels, and dopes containing synthetic resins and cellulose esters or ethers

Paper

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 1982903) in making—
Films for cellulose esters or ethers

Plastics

Plasticizer (U.S. 1982903) in making—
Laminated fiber products
Molded products
Plastics from or containing synthetic resins and cellulose esters or ethers

Resins

Plasticizer (U.S. 1982903) for—
Synthetic resins
Plasticizer (U.S. 1982903) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1982903) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated textile fabrics

Woodworking

Plasticizer (U.S. 1982903) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as protective and decorative coatings on woodwork

---

1-Methylamino-4-normal-butylaminoanthraquinone

Textile

Dyestuff (Brit. 447090 and 447037) for imparting—
Deep-blue shades to acetate rayon, either by dyeing or printing

Paint, Varnish, Lacquer Materials

Sustained Buying Drive in Progress—Lead Price Holds Without Further Change—January Paint Sales Show Big Increase —Rosin and Turpentine Continue Quiet

A sustained purchasing drive in the market for paint, varnish and lacquer chemicals was indicative of a big Spring business for the manufacturers of surface coatings. Although some of the widespread buying of the past few weeks has been attributed to advancing prices for metallic pigments, gums, and other commodities, there has been also a broad purchase of paint ingredients that are not usually sensative to the price fluctuations in the general commodity markets. Some of the market's keenest analysts expected an increase in prices for first-grade house paints ere long. January, 1937, paint sales, made known to-day, showed a remarkable jump over the sales of the same month last year, totaling a value of $31,288,615 against $24,149,799 in January last year, according to the Bureau of Census figures for 680 establishments. The January sales were far greater than any January in recent years.

Lead continued as the center of concern in the raw materials' market. The metal did not repeat its sensational performance of a week ago but was in a very strong position. White lead and other lead derivatives were held at the levels that were established in the preceding week. The sharp advance in prices at that time was an infinite stimulus to the trade's demands. The higher selling value of lead and the rapid appreciation of values for zinc and other metals placed lithopone and some of the other metallic pigments in a much stronger position technically. Chrome yellow has been strengthened statistically by the rise in lead costs which were now 7c. per pound against 5.20c. per pound when current prices for the c.p. color were established.

Price movements during the week included a continued decline in domestic and French casein, advances in two gradings of Congo gum and some declines in other types of copal and Singapore dammar dust, marking the first price declines in the gum market in some weeks.

Quieter conditions prevailed in Southern and local markets for naval stores last week. There were few transactions in either turpentine or rosin officially reported and while rumors were current of sales on private terms, the quantities involved were apparently unimportant. Fewer export inquiries were received for rosin and foreign business in turpentine was apparently at a standstill. Receipts showed some decrease.

The Bureau of Census' January figures on paint, varnish, lacquer and filler sales showed classified sales by 584 establishments as follows:—Trade sales, $16,047,179 against $13,926,890 in December and $10,472,898 in January last year; industrial sales $12,456,616 against $13,435,807 in December and $10,792,047 in January last year. The industrial sales were divided with $8,906,595 worth of paint and varnish, and $3,550,021 of lacquer.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Congo, No. 8, 1c. per lb.
No. 28, ¼c. per lb.
Hardwood pitch, $1 to $1.50 per ton.

Reduced

Casein, dom., French, ¾c. per lb.
Gum, copal, Batu, bold, scraped, ¼c. per lb.
Rasak, pale chips, ¼c. per lb.
dammar, Singapore, dust, ¼c. per lb.
Rosin oil, 2c. per gal.
Turpentine, ½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
133.9	133.9	132.7	130.0

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

London lead prices continued to climb upward and Friday's prices were £1 per ton higher than they were at the beginning of the week. There was no change in domestic producers' quotations of 7c. to 7.05c. per pound in New York and 6.85c. per pound in East St. Louis but the market here was very strong and with the London parity higher than the domestic price, the trade looked for an increase momentarily. Buying was brisk as the advance in prices was expected. Speculators abroad were heavy purchasers despite semi-official admonition against wild speculation in the non-ferrous metal markets.

The zinc price advanced against last week with sales at 7c. per pound, basis East St. Louis. The 7c. level was reached Tuesday, representing an advance of 20 points over the opening price. The supply situation was very tight and while the producers were speeding up the production as a result of the 7c. price, it was believed that the market will not be relaxed by added production for several weeks ahead. Buyers were anxious to place business for the third quarter of the year, but producers were not disposed toward booking that position at the present prices.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 27 to March 5, inclusive, were as follows:—

	Pigs: Per pound New York.	Pigs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0700@.0705	$0.0685	..	..	..
Monday	.0700@.0705	.0685	31	12	6
Tuesday	.0700@.0705	.0685	31	16	3
Wednesday	.0700@.0705	.0685	32	8	9
Thursday	.0700@.0705	.0685	32	12	6
Friday	.0700@.0705	.0685	32	15	0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 27 to March 5, inclusive, were as follows:—

	Slabs: Per pound New York.	Slabs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0715	$0.0680	..	..	..
Monday	.0715	.0680	30	1	3
Tuesday	.0735	.0700	30	13	9
Wednesday	.0735	.0700	31	12	6
Thursday	.0735	.0700	31	10	0
Friday	.0735	.0700	31	15	0

Pigments

With lead pigments leading the way, the market for opaque pigments continued in a highly active state last week. The paint trade's purchases of pigments at this time indicates that the industry is preparing for a big Spring campaign. Sales of lead products were stimulated by the sharp advance in prices in the closing days of last month but titanium pigments and zinc oxides were companionate with lead pigments without the stimulus of advancing prices. Lithopone has also moved progressively into a state of volume trading.

White Lead.—Prices were unchanged last week but the metal occupied a very strong position at the level reached February 25. The two advances of ½c. per pound for a net climb of 1c. per pound in white lead prices within the space of three business days was an unusually sharp movement to this commodity and the buyers bought heavily. At the prices that were established February 25, while lead was now in its best position in recent years.

Red Lead.—Although the purchasers were active as a result of the advance reported here a week ago, the price aspect of the market was quiet and unchanged. Pig lead, however, held a very strong position and an advanceable tendency in the latter part of the week. The market for both car lot and smaller quantities advanced a full cent within a week and was now firm at the levels established **February 25.** There was some let-down in purchasing interest on

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ANNOUNCING

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Mfrs. of Lewisols and Imperial Ester Gum INCORPORATED PROVIDENCE, R. I. *Manufacturers of Synthetic Resins*
STOCKS CARRIED AT MAJOR SHIPPING POINTS

Thursday and Friday of last week but the sellers were busy filling orders in the preceding days.

Litharge.—This lead oxide occupied a similar position to that of other lead products. The buyers were active as a result of the advancing prices of the preceding week and while there was no change in prices last week, the market was strong because of a very strong outlook in the metal market.

Lithopone.—The local suppliers reported another week of buying activity. The deliveries out of the plants here have been showing a progressive improvement during the past several weeks and were now close to a normal seasonal peak. There has been no change in the price situation although some of the gossip around the market recently mentioned some desire for higher prices.

Lead Titanate.—The advanced cost of metallic lead has had no effect upon the price of this compound. Sales of the article have been active.

Orange Mineral.—In company with other lead products, the market was strong because of the persistent strength of the metal. There was no further change in prices last week and the schedule remained at the level established February 25.

Zinc Oxide.—Purchases by the paint and rubber manufacturing industries continued broad last week as the latter were approaching seasonal manufacturing peak. As reported previously, there has been no mention of higher prices in selling quarters but the increased value of the prime Western zinc market and the higher selling values of other pigments have given this commodity a stronger technical position.

Zinc Sulphide.—This commodity has also appeared potentially stronger because of the increase in selling prices of other pigments and the statistical improvement in the prime Western zinc market.

Fillers and Extenders

There were no changes reported in the prices of mineral whites, fillers and extenders last week. Collectively, the commodities in this group were firm in tone but there have been few advances in prices since the early part of the year. The latest price movement reported was a higher selling value on hardwood pitch used by the rubber industry. Barytes held in a steady position.

Barytes. — There have been no changes in prices and the demand side of the market was favored with a fairly good rate of activity.

Hardwood Pitch. — A leading seller now quoted $21.50 to $22.50 per ton for car lot quantities delivered in Akron. This represented an advance of $1.50 per ton in the delivered price. The price at this seller's works was raised $1 per ton to the basis of $15 per ton. Some producers still considered the market prices unremunerative and were diverting the production into other uses than for open market sale.

Pumice. — The market for Italian ground and American ground material continued in a steady position at unchanged prices. Sellers reported a fairly active rate of business.

Rottenstone. — This commodity has also held without recent change in price and the sellers indicated that the demands of the market were routine.

Wood Flour. — As reported a week ago, a leading supplier quoted the market now at $20 per ton for the course or standard ground material and $25 per ton for fine ground, both basis f.o.b. works.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Dry Colors

The interest of the trade was now turning toward the price possibilities for the second quarter of the year. The current quarter terminates in about three weeks and the trade wonders whether or not contract prices will be adjusted under the quarterly provisions for such changes. Certainly, the steady rise in lead costs over the past few weeks has increased the cost of producing chrome yellow and observers in the market believed that if any changes in price take place, yellow is the most likely color to move up. Suppliers of chrome oxide were also talking somewhat stronger about the market.

Carbon Black. — Delivery orders against contracts were quite active last week and from early indications, the month's consumption should be greater than that of February. Sales for the year to date were believed to be ahead of those for the corresponding period of 1936. The prices continued in an even position at the schedule.

Chrome Yellow.—With contract prices subject to quarterly adjustment, the trade centered interest upon the possibility of a higher market when the current quarter expires. As reported previously, lead was now priced at 7c. per pound whereas the market was only 5.20c. per pound when the current prices for c.p. chrome yellow were established.

Iron Oxides. — The market continued with a fairly good activity on the part of the purchasers. The prices were unchanged and steady.

Lithol Toner. — Prices for this and other toner reds were steady at the prices that have been in force for some time. The demands from the ink trade were lively.

Sienna. — There has been no shift in the prices for the several grades of raw and burnt material. Trade was reported as having been routine.

Ultramarine. — Producers have not reported any change in the price schedule. Cobalts were in fairly active demand and the general run of jobbing and special grades was in good request.

Varnish Gums

Although some of the Congo gradings continued toward higher selling levels, there were a few price reductions in other types of gum last week, marking the first deviation from a series of price advances that have extended over the past several weeks. The declines included Singapore dammar dust, pale Rasak chips and bold Batu scraped gum. Trade continued fairly active although the trade seemed well covered on purchases made during the rising price movement of the past several weeks. Deliveries from the Far East were behind schedule in some instances

Copal. — The price for No. 8 Congo gum was advanced 1c. per pound to the basis of 1c. per pound. The No. 28 grading—pale dust—was advanced ¼c. per pound to 4½c. per pound. Declines during the week were pale Rasak chips which moved down ¼c. per pound to the basis of 4¾c. and bold Batu scraped which was also off ¼c. per pound at the basis of 6c. per pound. All of the aforementioned prices were for straight or mixed cars and were subject to the usual differentials for smaller quantities.

Dammar. — The lone change in this group last week was a decline in the price of Singapore dust. This article was off ¼c. per pound to 5¾c. for car lots with usual differentials quoted for smaller lots.

Synthetic Resins

The manufacturers of ester gum have not changed prices in recent weeks and the market was based at 11½c. per pound, delivered, for quantities of 75,000 pounds or for car lots in one shipment. The market was tight and its current high level has been forced by the scarcity and increased cost of glycerin and the current cost of rosin. There were no changes reported in other resins last week.

Naval Stores

Few transactions were officially reported in Southern markets last week and although rumors were current at times to the effect that some sales had been made on private terms, the volume of business of the latter character was apparently of little importance. In such circumstances the market here was a small affair, consumers being inclined to hold off for new developments in primary centers. Occasional export

STRESSES AND STRAINS

In paint films, too

Yes, stresses and strains exist in a paint film—between the finish paint and the painted surface. As a paint ages, certain physical changes take place in the film due to a slow disintegration of the vehicle. These changes set up stresses and strains, and if not properly relieved or distributed to minimize their force, the film will eventually give way. To the paint manufacturer, it's cracking and checking. To the consumer, it's a job to be done over.

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CRYPTONE MS-130 ZINC SULPHIDE—MAGNESIUM PIGMENT ---*Test it*

inquiries for rosin were reported but actual business was apparently limited to comparatively small quantities, while foreign trade in turpentine remained at a standstill or practically so.

Receipts at primary points showed some decrease but the arrivals were regarded as liberal in comparison with the movement usually witnessed at this period of the year. There were no further sales reported of government owned rosin but the quantity of turpentine recently disposed of at Pensacola was said to have been about 6,000 barrels larger than reported at the time, leaving total unsold supplies in the hands of the government of 70,000 barrels. This week a meeting of trade and transportation interests will be held at some point unannounced last week in connection with the proposed application to have the freight rate on shipments of refined pine gum, or what is more commonly known as melio rosin, from Jacksonville to the vicinity of New York reduced to 25 cents per 100 pounds. This movement is meeting with opposition from some trade interest on the ground that it would have adverse effects upon business in turpentine on which the freight rate is more than double the proposed rate for refined pine gum.

Stocks of rosin and turpentine in the three principal Southern markets at the close of February were much smaller than at the same time last season. There is to be a recount of stocks at Savannah during the current month as a result of complaints that the holdings there are smaller than indicated in the official reports. The revised figures will be announced at the close of the season.

According to consular advices from Bordeaux, the domestic and export demand for both rosin and turpentine in France decreased during January. The decline in export trade was caused by the suspension of the export bounty for rosin on December 15, 1936 and that for turpentine on December 31, as prices for both commodities were considered too high to compete on the principal world markets. According to recent reports, a large sum of money has been voted by the French Parliament to promote the payment of export bounties on turpentine and rosin this year. To date, however, the Regional Naval Stores Commission has not authorized resumption of payments of export bounties. It was estimated that approximately 6,500 metric tons of turpentine and 32,000 metric tons of rosin existed as unsold stocks at the end of 1936. Rosin stocks were estimated to consist of three-fifths of the total of low grade rosins and two-fifths of pale grades.

Turpentine.—The local situation lacked features of more than ordinary interest. Buying was limited to small quantities to fill current needs and the movement of such lots in the aggregate was apparently lighter than in the previous week. Few sales were reported in Southern markets to domestic consumers and export trade there remained at a standstill. Receipts showed some decrease but the movement was still on a comparatively liberal scale for the final month of the naval stores year.

SAVANNAH, March 5.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	42	...	72	669	24,469
Tuesday	41	45	34	79	24,364
Wednesday	41	4	41	25	24,380
Thursday	41½	15	13	120	24,273
Friday	41½	...	43	70	24,246

* Market closed.

JACKSONVILLE, March 5.—Turpentine was quiet. Receipts were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	39	...	136	64	39,039
Tuesday	40	30	40	385	38,694
Wednesday	39	...	53	3	38,744
Thursday	38¾	42	48	550	38,242
Friday	39	40	45	71	31,816

* Market closed.

PENSACOLA, Feb. 27.—The turpentine market remained quiet. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	9	70	21,910
Tuesday	38	...	21,948
Wednesday	3	161	21,790
Thursday	13	283	21,520
Friday	1	162	21,359
Saturday	5	267	21,097

CHICAGO, March 5.—Prevailing values in turpentine market have been along lines that seem fairly steady in comparison with those recently ruling. Buyers are not overly anxious to make large purchases at this time. However, much of the talk is along the line of good consumption. Tone, accordingly, is fairly steady and the general aspect seems to be fairly healthy. Ruling prices at the close of business last night were: Five-drum lots, 51c. per gallon; five wood barrels, 56c.; single drums, 54c.; single barrels, 59c.

LONDON, March 5.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	40	6
Monday	40	6
Tuesday	40	6
Wednesday	40	6
Thursday	40	6
Friday	40	6

Stocks of American turpentine in London were:—

	March 5.	Previous week.	Last year.
Barrels	24,050	25,118	11,293

Rosin.—The trend of quotations on some grades was downward at times in company with the course of primary prices but changes were generally moderate and the undertone of the markets here and in the South appeared to be steady. Offerings in primary centers were light or moderate much of the time. Business was quiet not only here but also in Southern markets. Receipts were comparatively liberal for this period of the year though the movement in some sections was lighter than recently.

SAVANNAH, March 5.—Rosin was quiet with the tone of the market steady. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$8.25	$8.25	$8.25	$8.25	$8.25
D	...	8.65	8.65	8.65	8.65	8.65
E	...	8.95	8.75	8.95	8.95	8.95
F	...	9.50	9.50	9.50	9.50	9.50
G	...	9.50	9.50	9.50	9.50	9.50
H	...	9.50	9.50	9.50	9.50	9.50
I	...	9.50	9.50	9.50	9.50	9.50
K	...	9.65	9.65	9.65	9.65	9.65
M	...	9.75	9.65	9.65	9.65	9.65
N	...	9.75	9.75	9.75	9.75	9.75
WG	...	9.80	9.80	9.80	9.80	9.80
WW	...	11.50	11.50	11.50	11.50	11.50
X	...	11.50	11.50	11.50	11.50	11.50
Sales	...	...	...	...	...	...
Receipts	...	504	272	303	622	380
Shipments	...	2,559	205	16	476	...
Stocks	...	56,861	56,928	57,215	57,361	56,839

* Market closed.

JACKSONVILLE, March 5.—Offerings of rosin were generally light and the market had a steady undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$8.50	$8.50	$8.50	$8.50	$8.10
D	...	9.00	9.00	9.00	9.00	8.35
E	...	9.25	9.25	9.25	9.25	8.70
F	...	9.80	9.50	9.80	9.80	9.10
G	...	9.80	9.50	9.80	9.80	9.10
H	...	9.80	9.50	9.80	9.80	9.10
I	...	9.80	9.50	9.80	9.80	9.10
K	...	9.80	9.50	9.80	9.80	9.10
M	...	9.80	9.50	9.80	9.80	9.10
N	...	9.80	9.80	9.80	9.80	9.10
WG	...	9.90	9.90	9.90	9.90	9.35
WW	...	11.50	11.60	11.60	11.60	11.00
X	...	11.50	11.60	11.60	11.60	11.00
Sales	...	...	...	...	...	325
Receipts	...	868	506	478	340	399
Shipments	...	835	665	106	3,232	512
Stocks	...	48,722	48,563	48,935	46,043	45,930

* Market closed.

PENSACOLA, Feb. 27.—The rosin market was quiet. Receipts were lighter. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	30	167	15	73	27	120
Shipments	...	579	249	...	...	213
Stocks	21,277	20,865	20,631	20,704	20,731	20,636

CHICAGO, March 5.—Considerable interest attaches to the question of government holdings and the handling of them, as factors of importance in the rosin market at this time. Prices seem to reflect considerable interest in the market on the part of buyers. Tone is considered to be rather healthy, although recessions have taken place in some cases. Ruling prices at the close of business last night were: B grade, $11.25 per 280 pounds; G grade, $12.50; M grade, $12.65; W.W. grade, $14.50.

LONDON, March 5.—Quotations on American rosin were as follows:—

	Per cwt. in barrels Common. s.	d.	W.W. s.	d.
Saturday	23	7½	28	9
Monday	22	7½	27	9
Tuesday	23	3	27	9
Wednesday	23	3	27	9
Thursday	23	3	27	9
Friday	23	3	27	9

Pine Oil.—The market remained in a steady position. Busines continued along conservative lines, consumers being disinclined as a rule to purchase ahead.

Pitch.—Quotations were generally held at previous levels, the tone of the market being firm. There was a fairly active demand from local and other consumers.

Rosin Oil.—Lessened cost of basic material was reflected in a reduction of 2c. per gallon in rosin oil quotations. The market was steady at the lower level. Business was on a fair scale.

Tar.—A steady tone prevailed and selling schedules were held at former

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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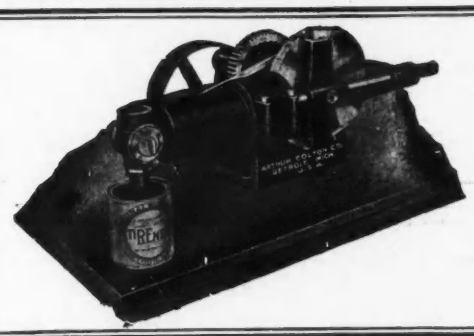

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levels. There was a fairly active movement on contracts and transient orders.

Shellac

Prices in London and Calcutta were somewhat easier and slightly lower most of the time last week. The decline in replacement cost was fractional in terms of cents and was totally without effect on the price views prevailing on spot goods. Demand for shellac was said to have been improved somewhat during the period under review. While individual orders may have been small, there was a fair number of such requests and they resulted in an improved total volume of transactions. So far as the local situation was concerned, undertones were steady and values were usually maintained very well.

London, March 5.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	March 5		February 26	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	51	11.1	51½	11.2
May	52	11.3	52½	11.4

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight March.	May.
February 26	51s 6d	52s 6d
February 27	51s 6d	52s 6d
March 1	51s 6d	52s 6d
March 2	51s ..	52s ..
March 3	51s ..	52s ..
March 4	50s ..	51s ..
March 5	51s ..	52s ..

Calcutta, March 5.—Prices quoted on pure T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound March 5.	Feb. 26.
March	11¾c	11.70c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were a sfollows:—

	Per pound.
February 26	11.70c
February 27	12c
March 1	11¾c
March 2	11.70c
March 3	11½c
March 4	11.60c
March 5	11¾c

Lacquer Materials

The market for lacquer materials continued fairly active during the week just closed. Consumers were ordering out on a favorable scale as a result of the continuance of high production schedules. Prices generally were steady to firm. The market was without an outstanding price feature. Reports from the automobile industry told of some labor unsettlement in feeding industries, but such labor troubles had for the most part been settled before the termination of the week. March production in the automobile industry was expected to show an improvement over February and a similar improvement was expected to be shown in April output over March. Acetone remained firm. Butyl alcohol was in good demand.

Acetone.—Demand here was fair during the week. Prices remained firm.

Butyl Alcohol.—This market experienced little change during the course of the week, shipments were moving out in good volume. Prices were well maintained.

Cellulose Acetate.—This commodity continued to move into consuming industries in regular fashion. It was also said that prices have remained unchanged. The Department of Commerce reports that production of sheets, rods, and tubes of this material during January, 1937 amounted to 853,376 pounds. January, 1936 production was 869,498 pounds. It was also reported that total consumption during January, 1937 was 742,380 pounds, 11,260 pounds of which were consumed in manufacturing plants. January, 1936 data in this connection indicated that 934,228 pounds were consumed, 24,591 pounds of which were consumed in the plant in which they were manufactured.

Ethyl Acetate.—A good demand was reported for this material again last week. A firm tone governed the dealings.

Nitrocellulose.—Demand for this item continued steady, with prices holding to the levels in effect last week. Production for January, 1937, was reported as: sheets, 1,342,780 pounds; rods, 281,539 pounds; and tubes, 90,187 pounds. By comparison, January, 1936, production was: sheets, 966,166 pounds; rods, 208,345 pounds; and tubes, 55,378 pounds. Shipments for these items for January, 1937, and January, 1936, respectively were: sheets, 1,199,169 and 993,420 pounds; rods, 300,368 and 208,989 pounds; and tubes, 61,609 and 49,292 pounds.

Driers

As the end of the year's first quarter approached, the suppliers of stearates reported that prices should advance when second quarter agreements are written. At least, this idea was advanced on the basis of the present cost of stearic acid. Of course, there was a possibility of competitive opposition to a higher asking price for stearic acid derivaties but the sentiment in some selling quarters was that the market had more than an even chance of advancing.

Glues and Binders

Casein.—The market was off sharply last week, continuing the trend of the preceding week. Domestic was quoted at 18c. per pound for 20-30 mesh in car lots, delivered: 80-100 mesh was 18½c. in similar quantity. French material was offering in here at 18c. to 18½c. per pound duty paid, but the Argentine product did not change and was ½c. to 1c. per pound higher than domestic or French. The off-movement of the market was a natural recession from the abnormally high market of the early Winter months and the initial shipment of the new California production last week. Sellers reported sales of a few cars of the California product last week.

Glues.—The expected advance on March 1 was not effected by all manufacturers. Some producers raised prices on medium hides by 1c. per pound, but the demand dropped off during the past ten days and some sellers did not join in the higher market positions. Even though the demand slowed down, leading makers indicated that the current consumption was ahead of production.

Paint, Varnish, Lacquer, Fillers Sales: January

The value of paint, varnish, lacquer and fillers sold in January totaled $31,288,615, according to reports filed with the Bureau of Census by 680 establishments. Details of sales reported by these establishments and also sales reported by 579 establishments for January, and comparative data for the past two years, follow:—

Reported by 680 Establishments

		Classified sales*			Unclassified sales.†
			Industrial sales		
	Total sales.	Trade sales.	Total.	Paint and varnish.	Lacquer.	
January, 1937	$31,288,615	$16,047,179	$12,456,616	$8,906,595	$3,550,021	$2,784,820
January, 1936	24,149,799	10,472,898	10,792,047	7,392,862	3,399,185	2,884,854

Reported by 579 Establishments

January, 1937	30,202,114	11,645,957	‡9,080,451	6,502,757	2,577,694	¶9,475,706
December, 1936	29,464,691	9,536,052	‡10,223,290	6,792,320	3,430,970	¶9,705,349
January, 1936	23,803,627	8,166,997	‡8,188,213	5,528,374	2,659,839	¶7,448,417

* 584 establishments. † 196 establishments. ‡ 344 establishments. ¶ 235 establishments.

Plastic, Cold Water Paint, Calcimine Sales in Jan.

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of the Census for January were as follows:—

Plastic Paints

	Pounds.	Value.
Paste	46,924	$5,339
Dry, casein-bound	263,680	19,636
glue-bound	135,232	7,116
Totals	445,836	$32,091

Cold-Water Paints

	Pounds.	Value.
Exterior, line or cement-bound	411,678	$28,174
casein-bound	214,255	12,186
Interior, casein-bound	711,419	63,337
glue-bound	603,110	16,240
Totals	1,940,462	$119,937

Calcimines

	Pounds.	Value.
Hot water	4,080,419	$161,235
Cold water	2,959,800	134,170
Totals	7,040,219	$295,405

Sales of these products compare with those in the corresponding period in 1936 as follows:—

		1937.	1936.
Plastic paints	lbs.	445,836	421,472
	value.	$32,091	$30,248
Cold water paints, dry,	lbs.	1,940,462	1,445,345
	value.	$119,937	$89,730
Calcimines	lbs.	7,040,219	6,562,434
	value.	$295,405	$280,896

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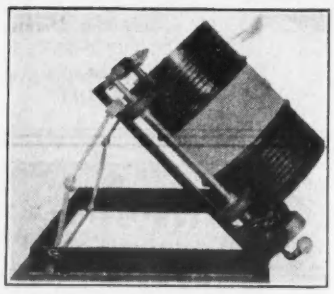
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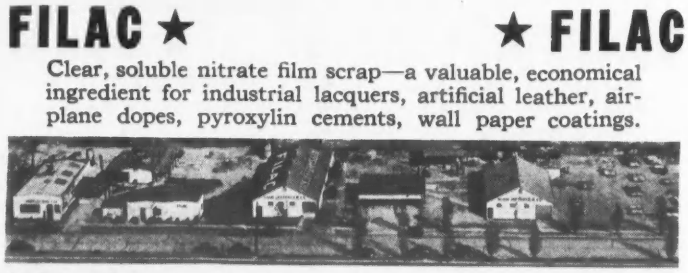
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Oils, Fats and Waxes

Cottonseed Oil Futures Irregular Within Moderate Limits—Lard Stocks Still Mounting—Linseed Oil Advanced by Crushers —Oiticica Stronger—Tallow Offerings Remain Light

Business in miscellaneous oils, fats, and greases continued along rather narrow lines last week. Here and there a somewhat better inquiry was noted from consumers who were in need of fresh supplies but actual purchases were generally limited to comparatively small or moderate quantities to fill immediate or nearby requirements. Offerings were generally light and the prevailing tone was steady, changes in quotations being about evenly divided between advances and reductions. As had been expected the monthly statement of lard stocks in Chicago made a bearish exhibit, a further liberal increase being reported.

Babassu oil continued to be a firm feature of the list of vegetable products, domestic makers not being in a position to offer for delivery before July. Chinawood oil was irregular abroad and here, changes in quotations being within moderate limits. Coconut oil was quiet as the price was still too high to attract buyers. Oiticica oil was in fair demand and firmer, sales being reported at fractionally higher prices. Rapeseed oil was in unusually light supply and the market was firm though quiet.

Refined fish oils were maintained at former levels with a somewhat better inquiry for small or moderate quantities. Oleo oil was slightly lower but other animal oils continued firm. Stearic acid was steady with a fairly active demand. Cash lard was irregular in company with futures. Lard stocks showed a further large increase during the past month. Marketing of hogs continued liberal. Offerings of tallow were light and the market retained a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 3 chalky, ½c. per lb.
No. 2 North Country, 2c. per lb.
No. 3 North Country, 1½c. per lb.
No. 1 yellow, ½c. per lb.
No. 2 yellow, ½c. per lb.
refined, yellow, 2c. per lb.
Lard, Western, 25c. per 100 lbs.
Linseed oil, 2-10c. per lb.
Neatsfoot oil, cold test, 75c. per 100 lbs.
Oiticica oil, ¼c. per lb.
Sardine oil, crude, 1c. per gal.

Reduced

Cod oil, Norwegian, 1c. per gal.
Copra, 1-20c. per lb.
Corn oil, crude, ⅛c. per lb.
Japan wax, ¼c. per lb.
Oleo oil, 12½c. per 100 lbs.
Olive oil, denatured, 5c. per gal.
Olive oil foots, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.0	153.2	155.8	120.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu. — The situation remained decidedly firm. Demand was good and the output continued to move steadily into local and other consuming channels. Producers were not in a position to offer for delivery before July for which 14¼c. per pound was quoted in tankcars.

Chinawood.—Domestic prices showed more or less irregularity in company with developments abroad but changes from day to day were generally within comparatively small limits. Offerings from the primary center were light much of the time and, according to some in the trade here, there is little likelihood of any change in the situation in this respect until transportation conditions in China improve and stocks at Hankow increase. Trade in the local and Coast markets was somewhat better though such transactions as were reported did not involve important quantities. Some business was reported to have been closed here early in the week at 14.2c. per pound for nearby delivery but later on 14.5c. to 14.8c. was quoted for such positions with from 14c. to 14.2c. named for July forward according to seller.

Coconut. — Crude prices were unchanged and general conditions remained about as noted in the previous week. Competing product was available at lower prices in some instances and trade in coconut continued slow although inquiries were not entirely lacking. Copra was a shade easier on the Coast but offerings were reported as light and quotations were still apparently more or less nominal. Edible oil met with a fair inquiry and the market was steady.

Corn.—Crude was somewhat easier, the tone of the market being influenced by recent developments in some other vegetable products. Offerings continued light, however, and quotations were still more or less nominal. There was a fair inquiry for both crude and refined.

Cottonseed.—Edible oil was in fair demand and the market was steady at the recent decline. Offerings of imported oil were reported as light and the tone of the markets abroad appeared to be somewhat steadier. According to consular advices, exports of cottonseed oil from Egypt to the United States during the first half of 1936 were 6.827 tons. It was also stated that Egyptian production of cottonseed oil amounts to about approximately 60,000 metric tons annually but in view of the record cotton crop for 1936-37, there is said to be a possibility that the oil output this year may exceed any previous figures.

Oiticica. — A firmer tone developed. Sales were reported on spot at 12c. per pound. Futures were quoted at 11½c. Arrivals from Brazil in recent weeks have been applied mainly on unfilled contracts leaving spot supplies here small.

Olive.—Quotations were still mainly nominal as supplies on spot remained small and uncertainty existed concerning future arrivals. There was a fair inquiry.

Palm.—Niger oil was still scarce and nominal on spot. Offerings for arrival were reported as light with shippers firm in their views as to values.

Perilla.—Demand was rather slow but there was no increase in offerings on spot or for future delivery. Spot oil was quoted at 11c. per pound in tankcars and 11½c. in drums.

Rapeseed.—Supplies on spot are unusually small and 85c. per gallon was still a minimum quotation. The inquiry was slow.

Soybean.—The market was quiet and steady. Exports of soybeans from Manchuria during the first four months (October through January) of the 1936-37 marketing year were 24 percent larger than for the same period a year ago, it is reported by the Shanghai office of the Bureau of Agricultural Economics. Bean oil exports from Manchuria, however, were smaller for the first four months of the current marketing season compared with a year earlier. The 1936 Manchurian soybean crop was officially estimated at 4,600,000 short tons compared with the 3,640,000 tons for 1935 as estimated by the Shanghai office.

Markets at Other Centers

San Francisco, March 3.—Conditions as a rule remain steady, excepting in the case of coconut oil, which appeared to have lost some of its recent gains in a market that failed to go much beyond a nominal stage. Chinawood oil was stiffening slightly and there were reports that February and March shipments out of the Orient would clean out most of the seasonal crop. Large arrivals are scheduled for the Pacific Coast and some of this material is arriving currently. Shipments of babassu nuts, which have been reaching the local mills, have turned some activity in the direction of the babassu oil market locally. Sesame seed for crushing has found some interest lately at a $70 per ton figure, to which must be added a $40 per ton duty; purchases were said to have been probably speculative.

Ruling prices are:—

BABASSU.—Quoted for March or spot shipment at 11c. per pound in tankcars, f.o.b. mills, Pacific Coast, with futures quoted at 10½c.

COCONUT.—Ruling on a nominal basis. Quoted today at 8½c. per pound for prompt and nearby shipment in tankcars, f.o.b. Pacific Coast, with futures named nominally at 8c. per pound. The market has been quiet, although shipments against old contracts have been brisk.

COPRA.—The copra market generally lacked snap on the Pacific Coast last week, ideas of buyers and sellers failing to coincide. The undertone seems to be holding, however, in spite of the reduction in the level of coconut oil, which was apparent here last week. Hand-to-mouth business on very small parcels was the only thing in sight. Quoted at from 5.15c. to 5.20c. per pound, c.i.f. Pacific Coast ports, with some sellers asking more.

CHINAWOOD. — Steady, after making slight gains. The market, however, lacks activity. Quoted for March shipment from the Pacific Coast at 14½c. per pound; April, 14.4c. May forward, shipment from the Orient, quoted at 14¼c., all tankcar basis.

COTTONSEED.—Steady. Interest is lacking. Brazilian oil is quoted at 10.30c. per pound, duty paid, in tankcars, f.o.b. Pacific Coast; Japanese, 10.50c. per pound, March-April shipment from the Orient.

TEASEED.—Quoted at 10c. per pound, nominally, in drums; c.i.f. Pacific Coast, April-May shipment from the Orient.

SESAME.—Seed is quoted at $72.50 per ton, c.i.f. Pacific Coast, with sales earlier in the week at $70. (Duty $40 per ton additional.) Crude oil is quoted at from 10¾c. to 11c. per pound nominally, in the absence of trading.

Chicago, March 5.—Somewhat reactionary tendencies have been observed in the vegetable oils here, or at least in some sections of the list of principal products. Easiness in related products plus the growing view of buyers that recent prices represented little in the way of bargains have had something to do with this attitude. Offerings of most of the products have been relatively large, it appears. Fractional recessions in coconut and corn are reported.

COCONUT.—Crude oil, 8⅝c. to 8¾c. per pound, prompt shipment; 8¾c. to 8⅞c., deferred, Coast basis. Refined, edible oil, 14¼c. to 14½c., per pound, drums, car lots; and 15c., drums, less than car lots.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed IVORY BRAND
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New York Sales Office • 15 Moore St., • New York City
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CORN.—Crude, low acid, 9¾c. to 10c. per pound, mills, partly nominal. Refined, edible oil, 13¼c. to 13½c. per pound, drums, car lots; and 13½c. to 14c., drums, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 16c. to 16⅛c. per pound; futures, 14¾c. to 14⅞c.

SOYBEAN.—Crude, prompt shipment, 9½c. to 9¾c. per pound, drums.

PEANUT.—Crude, 10c. to 10⅛c. per pound, Southeast.

Chicago, March 5.—Range on soybeans for the week ended March 3:—Spot, high, $1.59; low, $1.56.

London, Feb. 25.—Soybean oil, British crude, 35s. per hundredweight; palm kernel oil, refined, 41s. 9d. per hundredweight; rapeseed oil, crude extracted, 35s. 6d. per hundredweight; coconut oil, Ceylon, 36s. 3d. per hundredweight; peanut oil, Bombay, crude, 32s. per hundredweight: sardine oil, 20s. 9d. per hundredweight; whale oil, crude, £25 per ton.

Linseed Oil

Domestic and foreign flaxseed markets had a generally firm tone. Linseed oil higher. Cake and meal reduced.

Flaxseed—DULUTH, Mar. 5.—Within the past few days there has been a marked improvement in the character of the buying in the Argentine flax market. As a result, prices have advanced about 3 cents a bushel. Support in the Duluth market has come largely from eastern wire houses and market speculators.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.22½	$2.12½	$2.12½
Monday	2.23	2.13	2.13
Tuesday	2.24½	2.14½	2.14½
Wednesday	2.26	2.16	2.16
Thursday	2.25	2.15	2.15
Friday	2.25	2.15	2.15

Crop movement in bushels follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week..	23	1,538	780	13,030
Since Aug. 1...	952,311	3,553,471	927,401	2,418,206

MINNEAPOLIS, March 5.—Flaxseed demand very quiet and receipts are small. Only bulk-head and clean-out cars are coming to market at present and the average quality of offers is poor. Now and then a car of fairly good northern flax arrives and meets with fair demand, but average run quality moves to elevator buyers chiefly. Judging from the number of bulk-head car lots and reports of line elevator company managers the crop has been moved almost completely. All of the Argentine seed is coming in by rail from New York City.

Preparations to distribute seed flax this season are complete and the farmers will get their supply on time, according to local handlers.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.19	$2.14	$2.13
Monday	2.22	2.15	2.14
Tuesday	2.21	2.16	2.14
Wednesday	2.22½	2.17½	2.16
Thursday	2.21	2.16	2.15
Friday	2.22½	2.16½	2.15½

Crop movement in bushels as follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week..	93,880	33,690	1,270	57,300
Since Sept. 1...	2,334,720	7,120,430	323,620	1,108,620

WINNIPEG, Mar. 5.—Trading in flaxseed futures was quiet. Price movements were generally within moderate limits. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.70⅝	$1.71⅛	$1.71
Monday	1.70½	1.71⅛	1.71
Tuesday	1.71⅛	1.71⅝	1.71¾
Wednesday	1.71⅝	1.72⅛	1.72¼
Thursday	1.71½	1.72	1.72¾
Friday	1.74	1.74½	1.73⅝

BUENOS AIRES, Mar. 5.—Opening prices per bushel on March contracts were:—

	Last week.	Last year.
Saturday	$1.19⅛	$1.18⅞
Monday	1.19⅛	1.18¾
Tuesday	1.19⅝	1.18¾
Wednesday	1.20	1.18⅞
Thursday	1.22⅛	1.18½
Friday	1.22⅜	1.18½

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	1,228,000	602,000	555,000
United Kingdom	24,000	20,000	4,000
Continent	697,000	697,000	1,106,000
Orders	1,094,000	516,000	386,000
Others	28,000	.....	71,000
Totals	3,071,000	1,835,000	2,122,000

Since January 1

To—	Bushels This year.	Last year.
United States	7,771,000	2,956,000
United Kingdom	315,000	236,000
Continent	4,524,000	6,192,000
Orders	6,342,000	4,716,000
Others	334,000	248,000
Totals	19,286,000	14,348,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	5,906,000
Last year	4,528,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	76,000	20,000	152,000
Continent	8,000	8,000	16,000
Others	12,000	.....	.....
Totals	96,000	28,000	168,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	8,712,000	3,768,000
Continent	1,012,000	796,000
Others	688,000	868,000
Totals	10,412,000	5,432,000

HULL, Mar. 5.—Quotations on flaxseed were:—

	Per ton La Plata.	Bombay.
Saturday	£11⅞	£14
Monday	11⅞	14
Tuesday	11⅞	14½
Wednesday	11⅞	14¼
Thursday	12	14½
Friday	12	14½

Linseed Oil.—The market here was more active and firmer, influenced by an upward trend at times in foreign and domestic flaxseed prices. For tankcars 9.5c. per lb. was generally quoted and late in the week the tone of the market appeared to be firm at that level.

Transactions for the week apparently did not involve important quantities but buying interest was stimulated to some extent by the firmness of the seed situation and by strengthening developments in the markets for other commodities. Labor troubles interfered with business at some outside points but there was a steady movement from local mills into consuming channels.

The strength of flaxseed at Buenos Aires was attributed to an increased demand from Europe. Shipments from Argentina to this country have been on a liberal scale recently and are expected by some to continue so. Last week the exports to the United States were 1,228,000 bushels, making a total since January 1 of 7,771,000 bushels against 2,956,000 bushels in the same time last year.

Arrivals of seed at New York last week were again heavy, amounting to 893,939 bushels. This made arrivals here in four weeks of 3,168,939 bushels, all from Argentina. Much of the seed is being shipped to Minneapolis mills to offset the shortage in domestic production.

The exportable seed surplus remaining in Argentina was recently estimated at 47,205,000 bushels against 55,700,000 bushels a month earlier. Receipts of domestic seed in northwestern markets last week were small.

MINNEAPOLIS, March 5.—Oil demand locally is fair and a few tankcar lots are being taken, but no round lot business is being reported at the moment. Interest in deferred shipment is constant, but the buyers are not aggressive. Strikes and labor trouble here and there interfere some with business as the buyers have no settled idea as to when they will need supplies. This labor trouble also is interfering with instructions on old contracts to some extent but not importantly. One crushing mill shut down last week and will remain closed until the meal situation improves or demand for oil gains volume. Current capacity is around 50 percent.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,743,440	2,409,153
Since Sept. 1	31,021,472	52,995,572

SAN FRANCISCO, March 3.—Linseed oil schedules unchanged and sellers as a rule made no attempt to force sales. Spring deliveries against old contracts are good. drum car lots ex mill, 10.3c. per pound; drum lots ex warehouse, 10.7c.

CHICAGO, March 5.—The linseed oil market has been showing little activity. Ruling prices are:—Tankcar, 9.5c. per pound; car lots, 10.1c.; warehouse deliveries, drums, 10.7c.

LONDON, Mar. 5.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	27	9
Monday	27	9
Tuesday	27	10½
Wednesday	27	10½
Thursday	27	10½
Friday	27	10½

Cake and Meal.—Local prices had a downward trend, cake being quoted at $27 per ton and meal $37.50 to $38.50 per ton. There was a fair export inquiry for cake. Domestic trade in meal was quiet.

MINNEAPOLIS, March 5.—The meal situation is very quiet and disappointing. Interior buyers are very conservative in their purchases because of the approach of Spring and consumers are using a minimum of concentrate rations owing to the unsatisfactory prices being paid for butterfat. There is a little competition from cottonseed and soybean meal though not much. Shipping instructions are slow and stocks are piling up gradually.

Quotations on carload lots f.o.b. Minneapolis, 34 percent protein, 100-lb. sacks, $40 to $40.50 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	2,051,270	3,413,265
Since Sept. 1	55,433,814	102,808,846

CHICAGO, March 5.—Some linseed meal buyers are inclined to wait for a more definite view of the general market situation. Resellers have a fair amount of material, it appears. Ruling prices are: Round lots, $44 per ton, largely nominal; car lots, $44 to $45; less than car lots, $46.50 to $47.

Cottonseed Oil

The local market for refined cottonseed oil futures was irregular. A steady tone continued to prevail in Southern markets for cottonseed products.

Cottonseed Oil.—With speculative sentiment still rather mixed, the market for refined cottonseed oil futures was irregular last week. Changes in prices were generally within moderate limits, the trend being downward early in the period with a rally later on. Developments in the markets for commodities which usually have more or less effect upon the course of cottonseed oil were conflicting. Lard futures displayed not a little weakness at one time under general selling on a bearish monthly statement of stocks in Chicago. On the other hand the market here for lint cotton exhibited considerable strength, the price moving up to the highest point recorded since August, 1934. Developments in the financial quarter were also of a rather bullish character, the trend of securities being strongly upward at times.

The technical position of the market for cottonseed oil seemed to some, however, to have been weakened by the liquidation of short accounts on the upturn in prices of the previous week when covering by local and foreign bears was something of a feature of the operations. Some of the buying last week was also supposed to have been for the purpose of undoing foreign straddles originally made by sales of cottonseed oil against purchases of lint cotton. Some who appear to be confident of an advance in oil prices to considerably higher level later in the season would be more disposed to buy freely now but for the what they regard as a very bearish lard situation. Supplies of lard continue to mount in the absence of a foreign outlet. Although lard has fallen sharply in recent weeks, the price still appears to be considered too high by foreign buyers despite the admitted shortage of fats and oils in European countries. Germany is reported to have bought large quantities of whale oil in Norway recently as a substitute for lard and at prices far below those prevailing for lard and other fats.

Stocks of lard in Chicago increased 7,450,610 pounds during February as compared with an increase of 6,009,985 pounds in the same month last year. Stocks there on March 1 were 107,366,424 pounds against only 35,270,920 pounds a year ago. Marketing of hogs continued on a liberal scale, arrivals in the principal Western centers for four days of last week aggregating 212,100 head against 167,000 head in the same time last year. Moreover the weight of the hogs has steadily increased in recent weeks. During the week ended February 27 the weight of the hogs received in Chicago averaged 245 pounds. This compared with 239 pounds in the previous week, 237 pounds in the week before that and 234 pounds in the week ended February 6.

Crude cottonseed oil was reported as steady in Southern markets. Offerings continued light as most of the mills are sold ahead against their holdings of seed. It is contended by some here that supplies of seed still to come forward this season will prove to be larger than generally assumed owing to the unusually high prices prevailing. Offerings of foreign cottonseed oil were reported as light with foreign markets steadier than recently. According to consular advices it is probable that the Egyptian output of cottonseed oil this season will exceed the production of recent preceding seasons owing to the record breaking yield of cotton for the current season. It is estimated that the Egyptian cottonseed industry could produce as high as 100,000 metric tons of oil a year if operated full time throughout the crushing season.

The outlook for the cotton crop in our own country is coming in for more attention. At this early stage of the season reports of an unfavorable character are not taken very seriously, but it is of interest to note that many complaints have recently been received about the backwardness of farm work. This condition is attributed in many instances to excessive rainfall which prevented winter plowing. The worst reports are coming from East of the Mississippi. Temperatures over the belt last week were unseasonably low, many points reporting 26 to 36 degrees. Much of the time during the current Winter, however, temperatures were unseasonably high and predictions have been heard recently that the next cotton crop will probably be exposed to an unusual degree to damage from boll weevil and other pests, insect mortality during the Winter, it is contended, having been much below normal.

In connection with the above phase of the situation it is of interest to note that the weekly New York Cotton Exchange Service, under date of March 1, states it would appear from a study of weather and weevil data applying to the five past seasons that there is little correlation between Winter temperatures and weevil damage to cotton crops, adding:—"The small number of weevils in most of the South during the last Summer—that doubtless, being due to the heat and dryness—is probably more significant than the temperatures of the

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

DEGRAS
COMMON • NEUTRAL
FATTY ACIDS
HEADQUARTERS FOR
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past Winter with respect to the number of weevils that will be in the cotton belt when the coming crop begins to develop. The very small number of weevils over much of the belt last year will probably tend to hold down the number of first generation weevils this year, but rainfall and temperatures next Summer will be the major factor in determining weevil damage to the coming crop, for they will determine how rapidly the weevils will multiply during the growing season.

There was further switching last week of cottonseed oil contracts from near to distant positions though operations of that character were on a much smaller scale than in the preceding week. March was switched to May at 10 points difference and May to July at 16 points. Refiners were credited with operations on both sides of the market. Commission houses were regarded by some as buyers of the Summer and Fall months on balance. There were further tenders on March contracts bringing the total for the month thus far up to 30. Some were disposed to trade merely for quick turns pending the publication of the consumption report due late this week.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from February 27 to March 5, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
March	11.12	10.78	11.05@11.10	39
April	...	...	11.10 nom.	..
May	11.15	10.86	11.13 sale	171
June	...	...	11.15 nom.	..
July	11.17	10.91	11.19 sale	393
August	...	...	11.10 nom.	..
September	11.19	10.87	11.18 sale	138
October	11.03	10.76	11.00@11.05	17
Total sales (48 switches)				806

Crude, Southeast, 9.75@10.00c.
Valley, 9.75@10.00c.
Texas, 9.75c.

Chicago, March 5.—The cottonseed oil trade seems to be watching the statistical situation rather closely. A fair amount of business is being done. Buyers are taking their time about making very large commitments. They are also giving considerable attention to the futures situation. Offerings are fair. Good, off-Summer yellow fig oil is ruling at 10⅞c. to 11c. per pound. Refined, edible oil is quoted at 13c. to 13¼c. per pound, barrels, car lots; and 13½c., per pound, barrels, less than car lots.

Hull, March 5.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	32	0	29	0
Monday	32	0	29	0
Tuesday	32	0	29	0
Wednesday	32	0	29	0
Thursday	32	0	29	0
Friday	32	0	29	0

Cake and Meal.—A steady tone continued to prevail in southern markets and spot quotations were generally held at around previous levels. There was a fair demand. Offerings were reported as light despite a downward trend recently in some competing products.

Markets at Other Centers

Atlanta, March 3.—Cottonseed products are fairly steady. The market is reported quiet with fair demand from fertilizer trade for meal.

Delayed land preparation is actively under way with favorable weather. Fertilizer tag sales evidence an expectation of a marked increase in the use of fertilizers for cotton.

Quotations of this market are as follows:—

OIL.—Prime crude, 9¾c. per pound.

MEAL.—7 per cent grade, $34 ton, interior mill points.

HULLS.—$14 ton.

SEED.—$44 ton, shipping points.

Memphis, March 5.—New features were lacking in the crude cottonseed oil situation during the past week. Offerings were very light owing to the sold up condition of the mills. Last bids were at 9⅞c., Valley basis. Meal market remains steady at the recent advance for nearby positions. The open interest in March on the first day of the month in the pit here was 10,300 tons, the largest open interest on record for any one option. This explains the sharp premium on March over later deliveries. Stocks of meal at Memphis available for tendering are meager. However, some of the long interest in March was switched during the week to later months at favorable discounts. The Mississippi River here is now under the flood stage, having dropped about 20 feet the past few weeks. Farm preparation delayed over a wide area in this section.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	February 26.	March 4.
March	$32.15@—	$33.50@33.70
May	30.45@—	31.50@31.70
July	29.50@29.70	30.75@31.00
September	26.50@—	27.50@27.75

Animal Oils

Lard.—Selling schedules were unchanged and the tone of the market appeared to be steady. No broadening of trade was noticeable, consumers in many cases being disposed to purchase merely for current needs.

Neatsfoot.—A firm tone continued to prevail. Cold test was advanced 75c. per 100 pounds, while quotations on other grades were stationary. There was a fair demand in a jobbing way.

Oleo.—Quotations were reduced 12½c. per 100 pounds, but the undertone of the market was steady. A somewhat better inquiry was received from local and other consumers.

Tallow.—The market was steady at the recent advance. Trade was quiet and of a routine character.

Markets at Other Centers

Chicago, March 5.—Most of the animal oils are hardly so firm at this time as they have been earlier in the year. Buying has been holding off except for rather limited size purchases.

LARD.—No. 1, 11⅞c. to 12c. per pound.
OLEO.—No. 2, 12c. to 12⅛c. per pound.
TALLOW.—Acidless, 12¼c. per pound, tanks, 12¾c., drums.

Fish Oils

Cod.—Quotations on Norwegian oil ranged from 40c. per gallon upward, according to grade. Offerings from abroad were reported as rather light. Newfoundland oil was scarce and nominal.

Menhaden.—The market for refined oil was more active to the extent that inquiries were received in a somewhat larger volume although actual purchases were still apparently limited as a rule to comparatively small quantities. In the absence of any change in the crude situation, the market retained a steady tone and quotations were held at previous levels. With stocks of crude oil closely cleaned up, the market was quiet.

Sardine.—Business in refined oil continued along conservative lines, the movement of small or moderate quantities into local and other consuming channels being fair. Quotations were maintained at previous levels. Crude offerings were reported as light on the Coast and the market was firmer at 53c. per gallon.

Whale.—Selling schedules were held at previous levels by refiners and the tone of the market appeared to be firm. There was a somewhat better inquiry for small or moderate quantities. A report from Oslo stated that a group of Norwegian whaling companies on February 18 offered 80,000 tons of crude oil to Germany at £22 11s., and that the offer was rejected. A later report from London stated that Norwegian producers sold 60,000 tons to Germany at approximately $107.50 per ton.

Markets at Other Centers

San Francisco, March 3.—Bidding forced the California sardine oil market up another notch last week, breaking all records for a price paid for crude when a few tankcars of oil changed hands in this market at 53 cents per gallon. Reports in the trade here today are to the effect that oil remains very scarce, it being noted that an order for as much as 20 tankcars would be very difficult, if not impossible to fill unless an unusually high premium were paid. One authoritative source of information said there was some doubt as to whether 20 or 25 tankcars of oil could be put together at this time.

Fishing for sardines remained poor in the South last week, as the season there continued to draw nearer to closing time. Plants around the San Francisco and Monterey Bay areas have been closed now for a fortnight. So far as is known, what little material is being manufactured in the San Pedro area is going against earlier contracted commitments. There remain two floating reduction steamers operating off the Southern Coast out of nine manufacturing oil at various times during the season up and down California and Oregon waters.

Several new initiative measures are up before the present California legislature to curtail activities of the increasing numbers of floating reduction plants, which do not operate under jurisdiction of the State Fish and Game Commission, as the shore plants do. One measure would make it prohibitory for the small fishing boats, which serve both floaters and shore plants, to deliver fish caught in California waters to other than plants operating within the state. Were this bill passed it would be necessary for the floaters to come in and tie up in the harbors and work on a comparable basis as the shore plants, which pay tonnage taxes and answer to the Fish and Game Commission. Both state and federal initiative measures on similar propositions were defeated last year, which added impetus to floating reduction activities this past season.

Baltimore, March 3.—Another period of complete inactivity has settled down upon the market for menhaden oil, and no transactions were reported during the last week. At the last price realized of 43 cents per gallon the big buyers here are of course altogether out of the market, and the new production is still too far off to bring out any positive tests of the trade. At this time it is idle to speculate upon what the producers may ask when the period of active operations down the Chesapeake Bay arrives, but there is certain to be more or less putting out of trial balloons before dealings really get under way. There is nothing at present to indicate what the opening will be, though the general view is that the last quotation cannot be maintained. For the present a wide market separates the ideas of the producers and the buyers, with the latter buttressed by the fact that there are only five or six really imporant buyers, so that the sellers have no large body of bidders to compete with each other.

Chicago, March 5.—The fish oil market is characterized by a rather moderate interest on the part of buyers, who are, however, not evincing any special desire to rush in for unusually large quantities of material. Most of the current statistics reaching the trade here seem to confirm the previously general view of continued firmness in the situation. West Coast advices seem quite bullish. Buying is fair in the aggregate.

MENHADEN.—East Coast, 43c. per gallon.
SARDINE.—Pacific Coast, 53c. to 54c. per gallon.
SALMON.—Pacific Coast, nominal.

Fats and Greases

Grease.—A steady tone prevailed and quotations were generally stationary during the week. Offerings of all grades were reported as light or moderate. A fair inquiry was noted though consumers showed little inclination to anticipate.

Lard.—Cash product showed irregularity in company with futures, the tone being easier early in the week and firmer later on. Foreign and domestic trade was quiet. There was a further liberal increase in stocks at Chicago during the past month, bringing the total March 1 up to 107,366,424 pounds against 35,270,920 pounds last year.

Stearin.—Offerings were light and the market was steady though quiet.

Tallow.—Buying interest was rather limited during the week, such inquiries as were reported being confined to comparatively small or moderate quantities. Large consumers were still apparently disposed to hold off for further developments. Offerings were reported as light throughout the week. The last business reported was at 8⅞c. per pound for extra, f.o.b. At a meeting of the tallow trade last Monday, the proposed amendment to the rules governing transactions in tallow futures was rejected.

Following is a record of the market for tallow futures on the New York Produce Exchange from February 27 to March 5, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
March	...	...	8.70@ 9.10	..
April	...	...	8.75@ 9.10	..
May	...	...	8.90@ 9.20	..
June	9.10	9.10	8.95@ 9.25	1
July	9.05	9.05	9.05@ 9.25	1
August	...	...	9.20 nom.	..
Total sales				2

Markets at Other Centers

Chicago, March 5.—Trend of lard statistics lately has been interpreted as being somewhat unfavorable. Stocks are large, and this has been exercising a restraining influence. Shipping trade, however, has been fair. Related markets have been mixed.

The range of lard quotations from the opening Saturday, February 27, to the close Friday, March 5, is shown in the following table:—

	Per 100 pounds Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.45	$12.65	$12.40	$12.65	$12.25
May	12.82	13.02	12.62	13.02	12.65
July	13.00	13.25	12.85	13.25	12.90

TALLOWS (tierces).—Edible, 9¾c. to 10c. per pound; prime, 9c. to 9¼c.; fancy, 9c. to 9¼c.; special, 9c. to 9⅛c.; No. 1, 8⅞c. to 9c.

GREASES (tierces).—Choice white, 9⅜c. to 9½c. per pound; A white, 9⅛c. to 9¼c.; B white, 9⅛c.; yellow, 10-16, 8⅝c. to 8¾c.; yellow, 16-20, 8½c. to 8⅝c.; brown, 8c. to 8¼c.

STEARINS (barrels).—Prime oleo, 10¼c. to 10½c. per pound; lard, packages, 12c. to 12¼c.; A white grease, 9½c. to 9⅝c.; yellow grease, 8⅞c. to 9c.; extra oleo stocks, 12½c. to 13c.; No. 2 stocks, 12c. to 12¼c. (Oleo stocks in car lots.)

Liverpool, March 5.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.	Sept. s.	d.
Saturday	62	6	57	0	57	3	57	6
Monday	63	3	57	9	57	3	57	6
Tuesday	63	6	56	9	56	9	57	6
Wednesday	63	6	57	0	57	0	58	0
Thursday	63	6	57	6	57	3	58	6
Friday	63	6	57	9	57	6	58	6

Liverpool, March 5.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	28	6	28	6
Monday	28	6	28	6
Tuesday	28	6	28	6
Wednesday	27	9	27	9
Thursday	27	9	27	9
Friday	27	9	27	9

Fatty Acids

Red Oil.—Demand was fairly active though consumers showed little disposition to purchase ahead. The market retained a steady tone, quotations being held at the levels prevailing in the previous week.

Stearic Acid.—Selling schedules were unchanged and the tone of the market appeared to be steady. Business lacked snap but there was a fairly active demand from local and other consumers.

Markets at Other Centers

Chicago, March 5.—Although there have been some slightly reactionary price tendencies in certain of the general fats and oils, fatty acids are reported making a good showing, in price. The current quoted values, in fact, are along lines that compare well with those which have been in effect for some time. Certain of the consuming lines purchasing these products are reported increasing their takings.

FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; coconut oil, acidulated, 9c. to 9¼c., tankcar, partly nominal; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c., tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 4c. to 4½c.; boiled down soap stock, 65 percent basis, 5c. to 5½c.; cottonseed foots, 50 percent basis, 2⅞c. to 3c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

Waxes

Bees.—With the bleaching season not far distant, the arrival of substantial quantities of bleachable wax during the previous trading period was in line with imperative needs of the manufacturers. The material moved promptly from dock to owner, leaving but limited, if any quantities unsold in the hands of the import agents. Also, values continued to hold up well.

Candelilla.—A fair sized quantity of this article reached here during the previous trading period but much of the arrival had been sold into consumption some time back and hence no important accumulation of unsold goods was reported in local circles.

Carnauba.—Considering the fact that some very substantial quantities of wax have been landed in this city during the past fortnight, the advance of prices was something of a feature during the past week. The stronger undertone on spot was attributed to the advancing prices in the primary market. The rise at the source was reported to be as much as 2c. per pound and primary market shippers appeared to be not especially interested in selling at their current views on values. Wax was in strong hands and moderate supply in Brazil. New quotations on the spot were as follows:—No. 3 chalky, ton lots, 35c. to 35½c. per pound; 5 bag lots, 35½c. to 36c.; 1 bag lots, 36c. to 36½c.; No. 2 North Country, 40c. to 41c.; No. 3 North Country, ton lots, 36½c. to 37c.; 5 bag lots, 37c. to 37½c.; 1 bag lots, 37½c. to 38c.; refined yellow, 41c. to 42c.; No. 1 yellow, ton lots, 45½c. to 46c.; 5 bag lots, 46c. to 46½c.; 1 bag lots, 46½c. to 47c.; No. 2 yellow, 44c. to 44½c.

Japan.—The market was not quite so active as it had been of late, locally. The result was a slight easing of prices and the development of offerings on the basis of 10¼c. to 10½c. per pound. Replacement costs held up very well.

Armour to Call $27,813,000

Directors of Armour & Co. of Illinois have authorized the calling and retirement, as of June 1, of the entire outstanding mortgage of $27,813,000 of 4½ percent bonds, due 1939. This action supersedes a prior tentative decision to call only $10,000,000 of the issue. Funds for the redemption would be raised by making bank loans totaling around $18,000,000 maturing in one to five years, and by using $10,000,000 of cash on hand as a result of the recent sale to Armour & Co. of Delaware of certain properties of the Illinois company. The redemption would eliminate the last of the funded debt obligations of the Illinois concern.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Sodium Potassium Tartrate USP Crystal or Powder
Sodium Salicylate USP

ANALYZED REAGENTS Baker's FINE CHEMICALS

MANUFACTURERS OF
"Baker's Analyzed"
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Drugs, Fine Chemicals

Syrupy Phosphoric Acid Reduced—Citric and Tartaric Acid Demand Expected to Gain—Menthol Quiet But Steady—Quicksilver Production to Expand — Bismuth Steady

Pricewise, the market for drugs and fine chemicals was not productive of much of interest or importance. Lower quotations developed on phosphoric acid, syrupy, as the result of competition. Beyond that movement in values, the week was uneventful. However, the position of acetylsalicylic was steady following the decline in the previous week, while potash iodide was at least no more unsettled than it had been a week before when prices were reduced. In general, prices were best described as being steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Acid, phosphoric, syrupy, 85%, 1c. per lb.
50%, 1c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.5	**181.5**	**181.6**	**187.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Demand was all that might be expected. With the fag end of Winter at hand, bringing with it a suppression of the lively demand that had featured seasonal items throughout the past three months, a somewhat less aggressive demand was to have been expected. Furthermore, it was likely to remain somewhat less active until Spring and early Summer requirements of jobbers, distributors, manufacturing consumers, and wholesalers shall make themselves felt.

Resumption of quicksilver production in mines closed by the bad weather on the Pacific Coast during the past Winter was expected to begin promptly with the clearing of the weather. Mercurials reflected fully the generally firm position held by raw material prices. Iodine and iodides were fairly steady, barring potash iodide, which had been the subject of substantial competition in the recent past. Quinine was in very good request and prices were firm everywhere. Menthol was dull as to demand and in excellent supply. Methanol and methyl acetone moved well at steady prices, as also did industrial alcohol.

Acid, Acetylsalicylic.—Business was steady at the recent decline. Demand shaped up well with that normally current at this time of the year and there was every indication that the movement would continue to be satisfactory. Prices were reported to be generally firm.

Acid, Citric.—Business was normally at a volume permitting a substantial expansion without raising trade to a very high level. Sales last week covered prompt requirements in the main. However, there were signs that protection of Summer needs would start in earnest in the not far distant future.

Acid, Benzoic.—Trade was normal so far as the U.S.P. acid was concerned. Buyers were in the market frequently and for normal quantities of merchandise. The result was a satisfactory volume of transactions and a generally firm market.

Acid, Boric.—Substantially good request for U.S.P. goods was reported last week, small orders bulking large in the affairs of the period and withdrawals against contracts being prompt and complete. Prices were very steady.

Acid, Lactic.—Very good demand for U.S.P. acid was reported and the market was generally firm in undertone and lacking in competition sufficient to result in any early unsettlement of values. Stocks were declared to be ample.

Acid, Phosphoric. — Competition was in evidence last week and toward the close of the period quotations turned up lower at 12c. per pound for 85 percent syrupy material packed in 70-pound carboys. The 25-pound demijohn was priced at 15c. This was a development caused by competition between producers.

Acid, Tartaric. — Business improved. More inquiry and a moderate betterment in sales prevailed in several quarters but the trading was done under highly competitive conditions and hence prices were not overly firm.

Adeps Lanae.—Very good request was the rule. Orders were of a size indicating some increase in the requirements of numerous buyers and the result was a firming up of prices and a suppression of excessive competition when it came to the sale of a quality article.

Agar Agar.—Prices were very firm and, according to some, should have been higher in view of what it now costs to buy in the primary market where stocks were very small and in exceptionally strong hands. Demand was fairly good but has not been stimulated to the extent that a rising market might have forecast.

Aconitine.—The supply was very small but entirely ample to meet all current requirements. The first cost of the article has been well stabilized for a long time past and unchanging prices with dealers have been a feature for a corresponding period of time.

Alcohol.—The market has turned thoroughly routine. In all respects, it was typical of that current in the late Winter period in most years. With the antifreeze season definitely at an end, the activity was the routine sort resulting from the usual amount of selling against the requirements of industrial consumers. Such sales were at very steady prices last week and reached a substantial volume by the close of the period.

Ammonia Benzoate.—Very good demand prevailed and with the season of excellent sales opportunities spreading directly ahead, market activity was expected to increase satisfactorily. Prices ruled in very steady fashion.

Castor Oil.—Trade was steady and well maintained with prices showing considerable stability and conditions failing to forecast an early change in the general situation. Production levels current for some time past were reported fully maintained.

CHICAGO, March 1.—The castor oil market is considered steady to strong. Buying is of fair size. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Formaldehyde.—Demand was about normal and business was done at prices entirely free from unsettlement, this because of the general firmness ruling the market on raw material. Production was well able to care for requirements of buyers.

Glycerin.—The crude glycerin market was possibly a shade easier, but if so, it was the weakest sort of a shade and one which was not productive of any change in the basically strong position of chemically pure and dynamite material. Demand for c. p. continued active and took up promptly every pound of the producers' outputs. Resale material continued to command premium prices and the supply of such material was comparatively small as few such sellers are receiving deliveries from the producers at this time.

CHICAGO, Mar. 1.—Demand for c. p. and other grades of glycerin is holding up comparatively well. The underlying price position situation is one of considerable firmness. Ruling prices are:—C. p., drums, car lots, 29c. per pound; drums, less than car lots, 29½c.; cans, less than car lots, 30c. to 32c., according to quantity; dynamite, car lots, 29c.

Menthol.—Stability was the rule in the market for this article. Demand was fair, but not expansive. Prices in Japan were said to have shown a fairly stable tone throughout the period and offerings were larger than local dealers were disposed to take on as a

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Potassium Guaiacol Sulfonate
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whole. Stocks on spot, and due in the not far distant future, were of substantial size.

Methanol.—Demand was good. Industrial consumers of this article were in the market frequently and for quantities that were indicative of an excellent manufacturing requirement. The position of natural methanol was especially steady and values were fully maintained. Call for the denaturing grade was good and kept prices firm at top levels.

Methyl Acetone.—Prices lacked quotable change, but the market was declared to be competitive and reports current on the spot were to the effect that some concessions had been granted at times and under special conditions. Open quotations lacked change, however.

Mercurials.—The raw material market continued to hold firm in the absence of excessive stocks and in the presence of an excellent jobbing call for the article. Mercurials moved steadily and in quantities entirely normal for the article.

Quicksilver.—Production has yet to gain substantially on the Pacific Coast, but with the arrival of more settled weather, mines that had been closed during the bad months of the past Winter will resume production. Hence, the tendency was to look for some increase in offerings from the far West. Locally, prices ruled very steady with a fair, if moderate, interest disclosed.

SAN FRANCISCO, Mar. 1.—Quicksilver remains routine with inquiry generally fair, but of a character reflecting a hand-to-mouth demand. Sellers here report a series of small orders, most of which are moving east at approximately $92 to $93 per flask. Larger lots are quoted down to a figure of about $91, it is said here.

Quinine.—Demand continued to be excellent. Needs of buyers have gained considerably in the past week and sales volume mounted to a satisfactory extent. Domestic prices proved to be very steady in the absence of competition in terms of values. Foreign market prices were likewise well maintained.

Rochelle Salt.—The market was quite competitive, but on the whole it lacked quotable change from an official point of view. The drive for the fair amount of demand current in local circles was said to be active on all fronts.

Saccharin.—Sales of this article should show some gain as the Spring and Summer season open up a wider consuming requirement in special industries. Prices were declared to be entirely firm in all quarters.

Santonin.—This article should move more actively and in larger quantities soon. However, during the past week interest in the material was routine to the extent of the market being one largely of nominal proportions.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	20 7/16
Monday	32⅝	44¾	20 7/16
Tuesday	32⅝	44¾	20¼
Wednesday	32⅝	44¾	20 7/16
Thursday	33	45¼	21⅛
Friday	33	45	20½

Drug and Chemical Package Research Is Offered Free

The Equitable Paper Bag Company, Brooklyn, N. Y. is offering a free research service to those desirous of obtaining more modern packaging for drugs and chemicals. The company will study a producer's present container in the light of new improvements in the paper bag field, and, if suggestions are approved, will work out specifications of a package exclusively designed for the product. The company states the suggestions will embrace all of six essentials of a modern package—easy to use, light in weight, small in bulk, strong, attractive in appearance, and low in cost.

P.A. Adds to Committees

Frank A. Blair, president of the Proprietary Association, has appointed Charles S. Beardsley, vice-president of Miles Laboratories, Inc., Elkart, Ind., a member of the executive committee of the association to succeed the late Andrew Hubble Beardsley. Athelstane Kendrick, vice-president of Lanman & Kemp-Barclay & Co., this city, has been added to the committee on foreign trade interests, and Clyde Marshall, of the De Shell Laboratories, Chicago, has been appointed a member of the membership committee. The association also has enrolled four new associate members.

MILK SUGAR

NATIONAL BRAND

National Brand Sugar of Milk has been the standard of Quality the world over since 1883.

Powdered Granular Impalpable

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Carey PRODUCTS

Carbonate of Magnesia

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Dependable Products Since 1873

LOCKLAND, CINCINNATI, OHIO

BORAX

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PURITY GUARANTEED OVER 99.5%

AND BORIC ACID

Reg. U. S. Pat. Off.

"TRONA" MURIATE OF POTASH

TRONA Reg. U. S. Pat. Off.

TRONA Reg. U. S. Pat. Off.

A 95-98% Grade for Agricultural Use.

A Special High Grade for Use in the Manufacture of Industrial Chemicals.

AMERICAN POTASH & CHEMICAL CORPORATION

70 PINE STREET - NEW YORK

Stocks carried in principal cities of the United States and Canada

A.P.M.A. Convention Program Is Announced

For the annual convention of the American Pharmaceutical Manufacturers' Association, in the Vinoy hotel, St. Petersburg, Florida, March 22 to 26, George R. Flint, president of the organization, has announced the following tentative program:—

Monday, March 22

Morning Session: 9:30 a. m.

Opening of session, by the president, George R. Flint.
Prayer.
Reading of the Declaration of Belief, by Charles Wesley Dunn.
Reception of delegates and guests from other asociations.
Report of the entertainment committees, by H. F. Cummings and Mrs. R. N. Fullerton.
Appointment of auditing, nominating and Resolutions committees.
Report of membership committee, by Wm. H. Rorer, chairman.
Report of delegate to National Drug Trade Conference, by Harry Noonan, chairman.
Report of committee on asociation history, by B. L. Maltbie, chairman.
Report of committee on attendance, by S. B. Penick, jr., chairman.
Report of secretary, Clarence Warner.
Report of treasurer, Frank A. Mallett.
President's address.

Afternoon: 1:30 p. m.

Qualifying round for golf tournament, H. M. Harker, tournament chairman.
Ladies' putting contest, Mrs. R. N. Fullerton, chairman.

Evening

Dancing in the ballroom, Meyer Davis orchestra.

Tuesday, March 23

Morning Session: 9:30 a. m.

Report of committee on research, by John G. Searle, chairman.
Guest speaker.
Report of memorial committee, by B. L. Maltbie, chairman.

Afternoon: 1:30 p. m.

Address, "Some Observations in the Pharmaceutical Industry," by Paul Klemtner, of Klemtner & Co., business counselors, New York city.
Report of the committee on labeling, by Fred. A. Lawson, chairman.
Guest speaker, Dr. J. J. Durrett, chief of the Drug Division, Food and Drug Administration, on "Drug Labeling Problems."
Report of the committee on social security, by Carl N. Angst, chairman.
Ladies' entertainment: An all day trip to Bok Tower at Lake Wales, with luncheon at the Chalet Suzanne.

Evening

Association moonlight trip on Tampa Bay.
Dance and entertainment on boat.

Wednesday, March 24

Morning Session: 9:30 a. m.

Report of the legislative committee, by B. B. Grubb, chairman.
Address of counsel, Charles Wesley Dunn.

Afternoon

Open for delegates' own selection of trips under supervision of the entertainment committees: H. F. Cummings, general chairman.

Evening

Dancing in the ballroom, Meyer Davis orchestra.

Thursday, March 25

Morning Session: 9:30 a. m.

Report of the contact committee, by Dr. Chas. E. Vanderkleed, chairman.
Report of the research board, by Dr. Frank B. Fisk, chairman.

Afternoon: 1:30 p. m.

Final play, golf tournament, H. M. Harker, chairman.
Ladies' luncheon and bridge party, Vinoy hotel, Mrs. R. N. Fullerton, chairman.

Evening: 8 p. m.

Association banquet.
Guest speaker, James H. Beal, Sc.D., chairman, board of trustees, Pharmacopoeia U.S. XI.

Friday, March 26

Morning Session: 9:30 a. m.

Report of the committee on business policy, by Carle M. Bigelow, chairman.
Report of the committee on annual and semi-annual meetings, by H. B. Johnson, chairman.
Report of the auditing committee.
Report of the resolutions committee.
Report of the nominating committee.
Election and installation of officers.
Unfinished business.
Adjournment.

Sulphur Diggers Starts California Development

Sulphur Diggers, Inc., with headquarters in Los Angeles, has entered the sulphur production field, and is developing extensive deposits near Zurich, Inyo county, California. Sidney B. Wood, jr., well known to the trade, is president of the company, and W. N. Wilkinson, for many years sales manager for the Union Sulphur Company, is general manager.

W. N. Wilkinson

The company has perfected plans to put on the market a grade of sulphur which it believes will be equal at least in purity to the sulphur produced in the Gulf States. The property, being in California, puts the company in excellent position to supply the West coast mills, not only with an uninterrupted flow of products, but also to deliver at favorable prices. The company states it has for the chemical trade an unusually low priced production of natural ore having a satisfactory workable sulphur content running 85 per cent or better.

The main office of the company is at 3923 West Sixth street, Los Angeles, and Mr. Wood has offices at 76 Beaver street, this city.

Drug Sale Licensing Is Proposed in Texas

The spreading idea that a State should require a license from drug manufacturers for the sale of their products within its boundaries has reached Texas. A bill (H. 769) is in the legislature of that State, which would require the registration of "all manufacturers of foods and drugs and all importers for sale or distribution of any article of food, drug, or chemical."

Registration would be attended by the required payment of an annual fee of $5 for each article "of food, drug, or chemical" (the last is a newcomer in this movement), with a maximum of $100 for any one registering manufacturer or importer. An importer would be any person bringing the goods into the State from outside the United States.

Early this winter a wracking cough sent this kindly grandmother to her bed . . . the doctor prescribed a remedy incorporating chloroform. Soon, through the resting action of this anaesthetic, her throat grew well . . . once again she is happy, active and enjoying life.

In compounding the prescription it is quite possible that Dow Chloroform, U.S.P. was used. For, it so happens that Dow is a major producer of this valuable pharmaceutical.

This single instance of the participation of Dow in the lives of people could be multiplied a million fold. It is a constant reminder that, over and above the commercial integrity of honest manufacturing, there is a responsibility to the American people that can never be forgotten.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; 135 South La Salle Street, Chicago

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green), also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

DOW

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-sixty-sixth Instalment

Lampblack

Reagents for Purifying Lampblack

Carbon tetrachloride
Chlorine
Methane
Natural gas
Steam

Reagents for Reflocculating Lampblack

Alum
Ammonium hydroxide
Cereal grains
Hexamethylenetetramine
Hydrochloric acid
Sodium carbonate
Starch

Laundering

Antiseptics Used in Laundering

Alkali hypochlorites
Calcium hypochlorite
4-Chlor-1-hydroxy-3:5-dimethylbenzene
Chlorine
HTH
Oxydon
Sodium hypochlorite

Bleaches Used in Laundering

Ahcoline
Albone
Albone C
Algene
Alite
Alkali bisulphites
Alkali hypochlorites
Aqua lina
Babco
Bango
Bangolite
Blanche
Bleaching powder
Bleachite
Borol
Blichit
Borol
Calcium bisulphite
Calcium hypochloride
Camelite
Caporit
Caustic soda
Chlor
Chlorine
Chlorinated lime
D.A.G
Desarco
Eau javelle
Fabritex
Hydrogen peroxide
Hypochlorites
HTH
Obesol
Oxydon
Potassium bisulphite
Soda ash
Sodium hypochlorite
Sodium bisulphite
Strontium oxide
Sulphur dioxide
U-strip
Ultravons
Vasite

Detergents Used in Laundering

Arabinamine reacted with—
(1) Abietic acid resins of higher acid numbers
(2) Acid phthalic esters of fatty acid glycerides
(2) Alkylnaphthalenesulphonic acids
(3) Behenic acids
(4) Behenolic acids
(5) Brassidic acid
(6) Castor oil acids
(7) Chinawood oil acids
(8) Coconut oil acids
(9) Elaidic acids
(10) Eleostearic acids
(11) Erucic acid
(12) Glyptals
(13) Hydroxystearic acid
(14) Lauric acid

Arabinamine reacted with—
(15) Lauryl alcohol
(16) Linoleic acid
(17) Linolenic acid
(18) Linseed oil acids
(19) Mahogany acids
(20) Oleic acid
(21) Phthalic acid esters of fatty acid glycerides
(22) Ricinoleic acid
(23) Stearolic acid
(24) Stearic acid
(25) Stearyl sulphate
(26) Sulphonated fish oils
(27) Sulphonated higher alcohols
(28) Sulphonated mineral oils
(29) Sulphonated oxidized mineral oils

Avirols
Blufixe
Borax
Borochlor

Butylglucamine reacted with—
(1) Abietic acid resins of higher acid numbers
(2) Acid phthalic esters of fatty acid glycerides
(2) Alkylnaphthalenesulphonic acids
(3) Behenic acids
(4) Behenolic acids
(5) Brassidic acid
(6) Castor oil acids
(7) Chinawood oil acids
(8) Coconut oil acids
(9) Elaidic acids
(10) Eleostearic acids
(11) Erucic acid
(12) Glyptals
(13) Hydroxystearic acid
(14) Lauric acid
(15) Lauryl alcohol
(16) Linoleic acid
(17) Linolenic acid
(18) Linseed oil acids
(19) Mahogany acids
(20) Oleic acid
(21) Phthalic acid esters of fatty acid glycerides
(22) Ricinoleic acid
(23) Stearolic acid
(24) Stearic acid
(25) Stearyl sulphate
(26) Sulphonated fish oils
(27) Sulphonated higher alcohols
(28) Sulphonated mineral oils
(29) Sulphonated oxidized mineral oils

Butylxylamine reacted with—
(1) Abietic acid resins of higher acid numbers
(2) Acid phthalic esters of fatty acid glycerides
(2) Alkylnaphthalenesulphonic acids
(3) Behenic acids
(4) Behenolic acids
(5) Brassidic acid
(6) Castor oil acids
(7) Chinawood oil acids
(8) Coconut oil acids
(9) Elaidic acids
(10) Eleostearic acids
(11) Erucic acid
(12) Glyptals
(13) Hydroxystearic acid
(14) Lauric acid
(15) Lauryl alcohol
(16) Linoleic acid
(17) Linolenic acid
(18) Linseed oil acids
(19) Mahogany acids
(20) Oleic acid
(21) Phthalic acid esters of fatty acid glycerides
(22) Ricinoleic acid
(23) Stearolic acid
(24) Stearic acid
(25) Stearyl sulphate
(26) Sulphonated fish oils
(27) Sulphonated higher alcohols
(28) Sulphonated mineral oils
(29) Sulphonated oxidized mineral oils

Butylxylamine reacted with—
(24) Stearic acid
(25) Stearyl sulphate
(26) Sulphonated fish oils
(27) Sulphonated higher alcohols
(28) Sulphonated mineral oils
(29) Sulphonated oxidized mineral oils

Calgon

Dimethylfructamine reacted with—
(1) Abietic acid resins of higher acid numbers
(2) Acid phthalic esters of fatty acid glycerides
(2) Alkylnaphthalenesulphonic acids
(3) Behenic acids
(4) Behenolic acids
(5) Brassidic acid
(6) Castor oil acids
(7) Chinawood oil acids
(8) Coconut oil acids
(9) Elaidic acids
(10) Eleostearic acids
(11) Erucic acid
(12) Glyptals
(13) Hydroxystearic acid
(14) Lauric acid
(15) Lauryl alcohol
(16) Linoleic acid
(17) Linolenic acid
(18) Linseed oil acids
(19) Mahogany acids
(20) Oleic acid
(21) Phthalic acid esters of fatty acid glycerides
(22) Ricinoleic acid
(23) Stearolic acid
(24) Stearic acid
(25) Stearyl sulphate
(26) Sulphonated fish oils
(27) Sulphonated higher alcohols
(28) Sulphonated mineral oils
(29) Sulphonated oxidized mineral oils

Disoline

Ethylglucamine reacted with—
(1) Abietic acid resins of higher acid numbers
(2) Acid phthalic esters of fatty acid glycerides
(2) Alkylnaphthalenesulphonic acids
(3) Behenic acids
(4) Behenolic acids
(5) Brassidic acid
(6) Castor oil acids
(7) Chinawood oil acids
(8) Coconut oil acids
(9) Elaidic acids
(10) Eleostearic acids
(11) Erucic acid
(12) Glyptals
(13) Hydroxystearic acid
(14) Lauric acid
(15) Lauryl alcohol
(16) Linoleic acid
(17) Linolenic acid
(18) Linseed oil acids
(19) Mahogany acids
(20) Oleic acid
(21) Phthalic acid esters of fatty acid glycerides
(22) Ricinoleic acid
(23) Stearolic acid
(24) Stearic acid
(25) Stearyl sulphate
(26) Sulphonated fish oils
(27) Sulphonated higher alcohols
(28) Sulphonated mineral oils
(29) Sulphonated oxidized mineral oils

Fatty acids
Fevon
Frijoline

(To be continued)

HEADQUARTERS
for
AMERICAN BOTANICALS
Whole and Milled

WE CARRY THE LARGEST AND MOST COMPLETE STOCKS OF DOMESTIC BOTANICALS IN THE WORLD—AND WE HAVE OUR OWN GATHERING ORGANIZATION! THESE FACILITIES ENABLE US TO SUPPLY YOU STRICTLY LATEST CROP MATERIALS AT FIRST HAND PRICES.

MAY WE QUOTE ON YOUR NEW CROP REQUIREMENTS?

WIRE OR WRITE FOR SPECIAL QUOTATIONS

S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Agitators and Mixers:—"Agitator and Mixer Book," issued by the Patterson Foundry & Machine Company, describes various equipment manufactured by this company, particularly for paint making, clay working, chemical process and food industries, crushing, grinding, and mixing. **(495)**

Chemicals: — "Chemicals," published by the American Agricultural Chemical Company, is an attractively prepared booklet of sixty pages, with illustrations, giving a descriptive list of chemicals which, because of exceptional purity and uniformity, are of special interest to the drug, food, and film industries. Other chemicals, of interest to all chemists, and manufacturers requiring unusual purity for specific purposes, are also listed. **(496)**

Chemicals:—"Heavy Industrial Chemicals," issued by Barada & Page, Inc., is a price list of the heavy industrial chemicals handled by this company. The booklet is sixty pages and presents a wide line. **(497)**

Chemicals:—"Chemicals by Glyco," published by the Glyco Products Company, is a revised edition of this series, and contains a number of interesting additions. Of particular interest is a special formulae section where suggested formulae are given of interest to a variety of industries. Twenty-nine such suggestions are offered. **(498)**

Closures:—"Shake Off These Two Dragging Shackles," is the title of a booklet on closures put out by the Aluminum Company of America describing Alseco aluminum closures. The booklet, attractively done in red, black and silver, illustrates the inefficient and hard-to-open closures which rip the hands or raise strong language, and then goes on to picture the company's types which make opening easy and efficient. **(499)**

Corn Products:—"Products of Corn and Their Relation to Agriculture," issued in pamphlet form by the Corn Industries Research Foundation, is a reprint of a talk delivered at the annual meeting of the Farm Chemurgic Council, by Frederick Morris Sayre, chairman of the committee on scientific research of the foundation. **(500)**

Equipment: — "Electric Machinery Catechism," published by Fairbanks, Morse & Co., is a forty-page booklet, designed to answer those questions that are likely to arise in the minds of individuals who use electrical equipment, and who do not have an extensive formal knowledge of electrical phenomena or terminology. The book is divided into four sections:—Simple electric circuits, direct-current generators and motors, alternators and alternating-current motors, and electrical machinery in general. **(501)**

Equipment: — Kux-Lohner Machine Company has issued a folder illustrative and descriptive of the Kux line of four models of single punch presses and eight models of automatic continuous rotary tablet presses. On these presses, powdered or granulated materials may be compressed under pressures up to 100 tons into tablets, blocks, briquettes, sticks, and other shapes varying in size from the smallest diameter and 1-20th of a grain in weight up to diameters of 4 inches with a 6½-inch maximum depth of fill. **(502)**

Fatty Acids and Oils:—Woburn Degreasing Company has issued Bulletin 107 in its series of booklets on fatty acids and oils produced by the company, giving their description, characteristics, and uses. Bulletin 107 discusses soap making from fatty acids. **(503)**

Botanical Drugs, Gums

Scarcity Continues to Emphasize Strong Items and Force Advancing Prices—Three Years Under Production Crowned by Constant and Sharp Advances—Demand Good

Basically, the market for botanical drugs was one of substantial firmness throughout the past week. Although trading continued to yield a volume something less than it did around the first of the year, the movement was still very good in size and took place in company with one of the strongest price situation to prevail in the market for a number of years.

Almost without exception, scarcity of stocks was the rule. The unsold part of 1936 production was reported to be small—and the carryover of 1935 production into the 1936 season had been one of the smallest in the history of the trade. For that reason, the market was strong if only from the standpoint of supply and demand.

The present situation is the result of at least three lean years of production. Each year, the yield of botanical drug merchandise, at home and abroad, was smaller than the year previously and the constant shrinkage in collections throughout the world came to full flower in the consuming season in 1937. With the smallest reserve stocks in many years wherewith to meet demand, the present season has been one of the most active. Hence, the constant and severe advances in prices, the continuous reports of stock exhaustion in individual items, and the almost total absence of normal reserve in any article. No wonder prices have advanced. And the trade last week believed that advances would continue until new crop influences serve to check them.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	212	484
Caraway	1,911	5,415
Cardamom (cases)	10	664
Celery	120	1,802
Coriander	2,520	2,995
Cumin	860	1,000
Digitalis leaves (cases)	33	53
Dill	...	86
Fennel	75	1,435
Mustard	280	7,716
Poppy	500	12,969
Sage leaves (bales)	20	285
Sesame	...	807
Stramonium (bales)	104	220
Thyme herb (bales)	291	291
Totals	6,936	36,222

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aconite root, 2c. per lb.
Copaiba balsam, Para, 2c. per lb.
South American, 2c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ½c. per lb.
Echinacea root, 5c. per lb.
Ergot, 5c. per lb.
Kola nuts, 1c. per lb.
Lycopodium, 10c. per lb.
Orange petals, 2c. per lb.
Pinkroot, 2c. per lb.
Poppy seed, Dutch, ¼c. per lb.
Pepper, red, Japanese chillies, ¼c. per lb.
Senega root, 4c. per lb.
Serpentaria root, 5c. per lb.
Uva ursi leaves, 3c. per lb.
Wormseed, American, 1c. per lb.

Reduced

Celery seed, French, ½c. per lb.
Indian, ¼c. per lb.
Horehound herb, ½c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Pimento, ½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	124.8	119.4	108.4

Market news that may have developed after this report was sent to press will be found on page 4.

Barks

Angostura.—Business was comaparatively light last week. The principal buyers were not in the market very actively and most of the trading was on a hand-to-mouth fashion throughout the period. Stocks were of ample size.

uckthorn.—Business was conservatiev in size, but the call for moderate sized quantities was also quite steady and tended to keep quotations free from fluctuations and market undertones were held firm.

Cocillana.—The call during the Winter months was very good, and as stocks were none too plentiful, the market was firmly held throughout the several months. Last week, interest in the material was considerably lessened and a strictly jobbing trade resulted. Prices remained still unchanged.

Orange Peel.—Sweet peel was in light supply, and all sellers had a very firm view on the market. They also reported a better than fair amount of demand ruling the spot at all times. Bitter peel was very quiet.

Wild Cherry.—The season was a very active one, but now that Spring had come near, a slowing down in the pace of demand was to have been expected. Trading was rather quiet last week and was mainly on a hand-to-mouth basis. Prices were steady.

Beans

St. Ignatius.—Virtually no demand was current last week, but in view of the absence of competition in the local market, prices were held to a steady position, especially in view of the fact that stocks were usually quite small in most directions.

Vanilla.—High prices have checked demand considerably and throughout the past week sales volume was distinctly conservative in size at all times. However, prices failed to weaken locally, probably for the reason that the several primary markets likewise held unchanged and very steady. It was clear, however, that a tendency toward more competition was developing on the spot. With the season when demand should increase being now fairly close at hand, most dealers expected an improvement in sales to keep price shading fairly well in check.

Berries

Cubeb.—Exchange fluctuated very little last week and hence the cost to replace current stocks was generally quite steady. This fact in turn kept spot quotations likewise steady to firm, especially when backed by a very good demand from consumers.

Fish.—Sales were small enough to indicate that demand was on a hand-to-mouth basis and a strictly jobbing business was done at unchanged prices throughout the past week.

Flowers

Borage.—Interest in this item has been comparatively slight during the past Winter and a check on the market during the past week revealed prices still to be on a steady basis and lacking signs of pending change.

Chamomile.—Roman flowers were somewhat more unsettled and a further decline in quotations was said not to be unlikely if the present more competitive situation continues. Hungarian flowers were about steady under the influence of a steady request.

Mullein.—Spring demand for breast tea was expected to raise the quota of demand for this article. In fact, during the past week somewhat more than the usual demand in recent weeks was noted. Prices were said to be firmer.

Orange.—Sales of petals were made very small and replacement offerings were few in number and high in price.

Tolu.—Fairly good demand was the rule locally and the market was generally firm in all instances. Interest in the material was fully normal and with supplies being reported generally moderate in size, the situation was one more favorable to sellers than buyers.

Balsams

Copaiba.—Once more prices were advanced and during the past week South American material was priced at 49c. to 51c. per pound, while the Para article was 47c. to 49c. The advance was in line with the fact that spot stocks were

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
PHYSIOLOGICALLY TESTED CHEMICALLY TESTED
CRUDE DRUGS
When You Want High Test Crude Botanicals Come to
THE HOUSE OF HOPKINS
NOW IN STOCK
PHYSIOLOGICALLY OR CHEMICALLY TESTED
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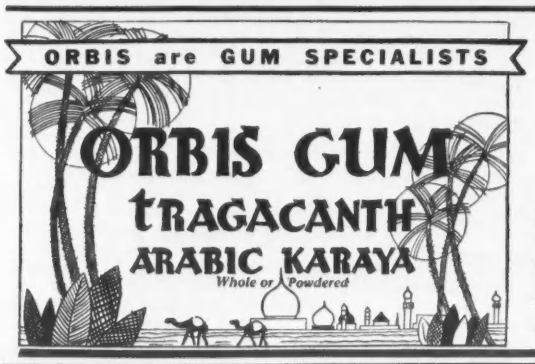

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at 42c. to 45c. per pound and offerings at the inside position were none too plentiful. Replacement costs were well maintained in the primary market and unsold reserves at the source were said to be moderate in size.

Rose.—Pale flowers lacked further change, but the general tone of the market suggested the continued presence of considerable competition in a market declared not to be especially active at the moment. Red flowers were stocked moderately and prices remained quite firm.

Gums

Arabic.—The spot market was but moderately active. Larger consumers were disposed to await further developments in the primary market where new crop gum was coming into the distributing and trading markets. Locally, stocks were said to be in fair size, and the moderate consuming demand was readily supplied. Exports during December were 1,702 tons, compared with 624 tons in December, 1935. Total exports during 1936 were 22,665 tons, compared with 22,462 tons during 1935.

	Tons			
	1935.		1936.	
	Dec.	Total.	Dec.	Total.
Great Britain	39	5,442	287	5,187
United States	156	3,684	443	4,272
France	61	2,036	102	3,061
Germany	203	2,067	171	2,781
Italy	27	1,881	29	246
Belgium	52	1,592	122	1,509
Japan	5	1,359	154	1,219
Holland	15	656	161	1,061
Spain	4	558	...	159
Sweden	..	536	22	458
Norway	1	86	7	54
Australia	..	659	..	493
New Zealand	..	94	1	46
China	7	266	48	322
Canada	15	220	4	228
British India	..	16	76	242
Denmark	3	117	7	170
Finland	3	118	4	135
Poland	..	64	8	124
Rumania	2	48	5	123
Turkey	..	30	6	45
Greece	8	77	2	89
Egypt	19	346	..	158
South Africa	1	13	2	56
Dutch Indies	..	25	4	35
Argentine	..	76	..	29
Brazil	..	152	3	124
Uruguay	..	22	..	21
Mexico	..	32	5	32
Other countries in America	3	30	11	56
Other countries	..	160	8	130
Total tons	624	22,462	1,702	22,665

The export figures are made up of the following qualities:—

	Tons			
	Hashab.	Bleached.	Talha.	Total.
Dec., 1935	461	23	140	624
Dec., 1936	1,586	21	95	1,702
Jan.-Dec., 1935	20,110	213	2,139	22,462
Jan.-Dec., 1936	20,652	237	1,776	22,665

Camphor.—A routine market was the rule. Demand was moderate and little changed from day to day. It consisted mainly of smaller requirements that were supplied without affecting prices directly. Replacement cost on natural camphor was well maintained at the source. Domestic production of synthetic material made a fair-sized total, and the supply of imported merchandise was said to be very good. All prices held steady.

Mastic.—Stocks were not very large but there appeared to be no difficulty in securing prompt deliveries of the moderate quantities required last week by the comparatively few buyers in the spot market.

Sandarac.—This item moved mainly on a hand-to-mouth basis last week and while supplies were only moderate in size, they appeared fully to meet the needs of local purchasers. Quotations appeared to be very steady at all times.

Tragacanth.—The market was incontestibly strong. Little was available at the source and prices there were under full government control. There was nothing as yet to check the rising trend and tendency of values in the primary tendency. And it appeared that the only check likely to be applied would be a contraction in demand, a development which might follow the adoption of substitutes for tragacanth at its present very high price.

Herbs and Leaves

Buchu.—Comparatively high prices have been paid for new crop goods in the primary market and hence local dealers were convinced last week that a normal price for new goods would not prevail this year. The present very high spot market was expected to recede as stocks increase, relieving the shortage in local supplies. However, a market between 70c. and 80c. per pound was said to be not unlikely in the future.

Eucalyptus.—Moderate supplies and highly indefinite news as to the future importations of the article combined to keep prices firm even though consuming demand was light and irregular last week.

Pulsatilla.—The market was considerably firmer than it had been and the tendency in values appeared to be upward. In fact, some sellers have already advanced their limits. Stocks were said to be increasingly smaller.

Sage.—Very good demand continued to keep the recent rise in prices in effect. Consumption by the makers of saugages has been excellent and dealers expected prices to remain firm for some time to come.

Uva Ursi.—Sales of spot goods have been made at 15c. to 16c. per pound. The price has been caused by the steady decrease in spot stocks and the inability of dealers to secure normal shipments from Spain, or nearby countries, either. It was purely a sellers' market.

Miscellaneous

Balm of Gilead.—Little has been heard regarding collection of this item but, also, nothing has been reported concerning spot prices for the article. The situation remained in status quo pending further developments.

Ergot.—The market was strong at $2.05 to $2.10 per pound and sales have been made at both ends of the range, according to reports. Little or nothing was forthcoming from any of the European markets and whatever merchandise there might be unsold was in strong hands who held it for still higher prices. The future of prices was said to depend much on how much U.S.P. material may be forthcoming from the U.S.S.R.

Kola Nuts.—Each order reduced stocks and nothing is coming in from the primary market—nor is anything likely to arrive sooner than the marketing of new crop goods in the not far distant future. Quotations were firmer and slightly higher at 11c. to 12c. per pound in a purely sellers' market.

Lycopodium.—The article has been selling very low in price, considering the absence of normal reserve stocks on the spot market, as well as the inability of European suppliers to make normal offerings of replacement material. Prices last week were higher at $1.05 to $1.10 per pound and little was to be had thereat, following two advances abroad.

Papain.—Considering replacement costs and demand, the spot market has been comparatively much steadier than it had been in the not far distant past. No tendency to drive values lower has been disclosed of late and the tendency seemed to be to await the more active demand which was expected to result in some improvement in the price structure. The call last week was routine.

Roots

Aconite.—Business was done over the range 32c. to 34c. per pound last week and the recent rising trend in prices and decreasing size of spot supplies were still influences operating to keep the market more favorable for sellers and buyers.

Echinacea.—Stocks were down close to the vanishing point in some quarters and all sellers declared they were having difficulty in securing anything from the primary market. Quotations were close to being nominal on the basis of 40c. to 45c. per pound.

Pink.—This was another article the supply of which was almost exhausted on spot, and which was virtually unobtainable at the source. Prices at 40c. to 45c. per pound were practically nominal as local dealers were not in a position to make normal open market offerings.

Senega.—While no actual sales have been reported at 58c. to 59c. per pound as a general thing in the open market, the fact seemed to be that those recently quoting prices that served temporarily to check a substantial advance on the spot were no longer quite the problem which they had been to other dealers. The fact was that undersupply was the rule and hence all sellers were highly reserved.

Serpentaria.—When spot stocks have been totally exhausted—and there were those who last week said that that condition was already a fact—manufacturing consumers will have to await collection of new crop goods before satisfying their needs. The country dealers have emptied their warehouses of this item. Spot prices at $1.30 to $1.35 per pound were strictly nominal last week.

Seeds

Anise.—The market was steady but lacking in more than jobbing activity throughout the past week. Stocks were of moderate size but were apparently sufficient for current requirements.

Cardamom.—Replacement costs were strong and the quantities of material available at the source of supply in the Far East was very small. So much so that the market as a whole was virtually nominal at the source. Local supplies were also small and in very strong hands.

Caraway.—According to reports from abroad, the acreage set out to this article in Holland is twenty percent more than it was in 1936. The market lacked new aspect and closed generally steady on the spot.

Celery.—Shipment prices eased off and spot quotations were down to the basis of 19½c. to 20c. per pound for French and 16½c. to 17c. for the article from India. Only hand-to-mouth demand existed in local circles last week.

Poppy.—Dutch seed was a small fraction higher at 7⅝c. to 8c. per pound but the Polish material lacked quotable change. Immediate demand out of spot stocks was not better than fair but a good interest was disclosed in futures.

Worm.—American seed continued to shrink in supply and each shrinkage of late has meant a further advance in spot quotation. Late in the period under review, the market was 21c. to 22c. per pound and very firm.

Spices

Clove.—The primary market was strong in all respects and prices named on shipment goods were advanced again. Locally, Madagascar material was noted at 19c. to 19½c. per pound, while goods from Zanzibar stood at 19¼c. to 19¾c. per pound. Spot stocks were very low.

Ginger.—The market was generally steady in local circles and demand made a fair sized total even though that had to be built by a fairly large number of comparatively small orders. The position of Jamaica root was substantially firmer than it had been. African was comparatively strong.

Mace.—While demand was not especially active, the absence of more than limited stocks of excellent to good quality material tended to keep prices to a distinctly firm basis at all times. Replacement cables indicated that the shipment lacked any signs of weakness.

Pepper.—Black Lampong was shaded to 6c. to 6¼c. per pound and prices on Japanese chillies rose to 13¼c. to 13½c. No other changes in price took place within the pepper group and the general report was that the market was fairly steady during the period reviewed.

Pimento.—Absence of much in the way of spot demand turned local sellers toward a somewhat more competitive view on the market. Quotations were shaded to the basis of 15c. to 15¼c. per pound. Shipment quotations were fairly firm.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Chemical Employment Increased in January

(Continued from page 5)

comparisons on the basis of the 1929 average:—

	Employment.		Payroll totals.	
	Jan. 1937.	Dec. 1936.	Jan. 1937.	Dec. 1936.
Metalliferous mining	66.4	65.0	57.9	58.4
Quarrying and non-metallic mining	45.9	49.2	34.9	38.9
Crude petroleum producing	72.8	72.3	61.0	61.3
Dyeing and cleaning	76.5	77.7	55.3	57.7

Employment in New York

Employment in factories producing chemicals and related products in New York State showed a decrease of 0.1 percent from December, 15, 1936, to January 15, 1937, and an increase of 0.7 percent in the city, according to records of the State Department of Labor.

General factory employment decreased 0.2 percent in the State during the monthly period and 0.4 percent in the city. General factory payrolls decreased 0.9 percent in the State and 1.1 percent in the city. The department's general factory index numbers, January 15, 1937 (100=1925-27 average) were:—Employment, 85.2 (13 percent above the 1936 level); payroll totals, 78.4 (22 percent above the 1936 level).

(January compared with December)

	Percentages	
	State.	City.
Drugs and industrial chemicals	+1.0	—2.5
Oil products	—3.3	+3.1
Paints and colors	+0.1	+0.1
Photographic and miscellaneous chemicals	+1.1	—0.6

Merrell Co. Advances Five in Executive Posts

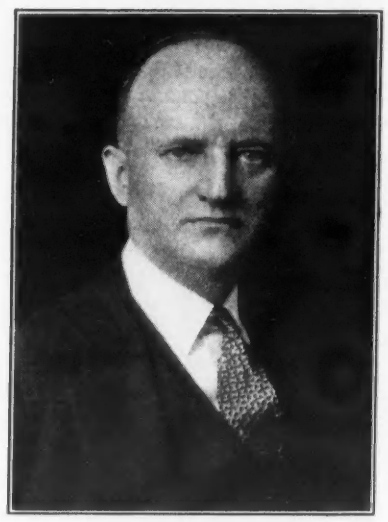
The William S. Merrell Company, pharmaceutical manufacturer, Cincinnati, reports the following changes in the executive personnel of the organization:—

Charles G. Merrell, president of the company since 1915, has been elected chairman of the board, a newly-created

Charles G. Merrell

positition. Thurston Merrell, vice-president since 1921, has been promoted to president and general manager.

Other promotions include:—Lee Wiltsee, for many years secretary-treasurer, has been made vice-president and treasurer: E. A. Joering, formerly assistant treasurer, has been made secretary, and W. J. Ransom, assistant treasurer. Other executives of the company are:—Sales manager, Walter G. Hodge; advertising manager, Donald Merrell; export manager, T. A. Gatchell; scientific director, T. H. Rider, and production manager, W. A. Smith. Directors re-elected are:—Messrs. Merrell, Wiltsee, Joering, Ralph R. Caldwell, James C. Hobart, jr., Coleman Hussey, Fenton Lawson, and Charles H. Stephens, jr.



Thurston Merrell

The new chairman and president are grandsons of Dr. William S. Merrell, who founded the company in 1828. Charles G. Merrell, after schooling in Cincinnati, was graduated from the Massachusetts Institute of Technology in 1884, and in the same year entered the company which he now heads. Thurston Merrell was graduated from Harvard University in 1905 and began his connection with the company in the same year.

Charles P. McCormick, president of McCormick & Co., botanicals, Baltimore, has been elected a director of the Baltimore branch of the Federal Reserve Bank of Richmond, Va., for three years, the term ending with 1939. and name and address of the guarantor of registration.

Essential Oils, Aromatic Chemicals

Clove Advance Extended as Production Cost Still Rises—Citronella Easier, with Java Oil Lower—Anise Reduced—Citrous Oils Firm—Turkish Geranium Holds

The upward trend in prices slowed down somewhat last week in the market for essential oils and aromatic chemicals. To be sure, higher quotations on southern cedarwood, and on clove oil, but in the main the recently broad and sustained upward swing of values decreased substantially. In contrast with price movements in recent weeks, declines were more prominent and lower quotations on crude amber, U.S.P. anise, Java citronella, and lemongrass developed. In general, demand was fairly well maintained but it was admitted that there had also been some shrinkage in the demand for prompt delivery material.

The strength in clove spice was the feature behind the further advance in quotations on the derived oil. Production costs have risen steadily over a long period of time and the makers had complained for several weeks that they were still behind the procession so far as their own raises in prices were concerned. However, it was felt that a steadier market would now develop. Replacement costs on citronella, both Java and Ceylon, moved in favor of importers and the spot market eased accordingly. Lemongrass at lower spot prices also reflected changes in shipment quotations.

Firm materials in the market included all citrous oils, Turkish geranium, wormseed, juniper tar, all Spanish oils, and cardamom. Furthermore, tansy, spearmint and peppermint were entirely lacking in even suggestion of unsettlement.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cedarwood, southern, 1c. per lb.
Clove, 3c. per lb.

Reduced

Amber, crude, 4c. per lb.
Anise, U.S.P., 5c. per lb.
Citronella, Java, 2c. per lb.
Lemongrass, 7c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
90.4	90.5	90.2	67.3

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber. — Crude was lower, spot and shipment. Locally, the market was 16c. to 17c. per pound for crude, and sellers were somewhat more liberal in their offerings. Refined oil lacked quotable change.

Anise. — Slowly and gradually stocks of this oil gain locally and with the increase in supply comes further declines in spot quotations. The market late last week was down to 82c. to 87c. per pound. Demand was fair but competition was active and offset the very fair sized movement.

Apricot. — Kernel oil was very firm last week and with demand very good, the tendency in prices was toward further advance in spot quotations. Production costs were entirely lacking in signs of anything remotely suggestive of pending unsettlement.

Bay. — Demand did not amount to a great deal last week but at that the movement was very fair in size and tended to keep prices well in line with the prevailing cost of replacements in the primary market. Local stocks were ample.

Bergamot.—The market was unrelentingly strong on spot because of the similar situation in the primary market. Control of stocks, sales and prices was absolute at the source and hence there was nothing for local dealers, selling a pure oil, to do but maintain prices steadily.

Bois de Rose. — Hand-to-mouth demand made an excellent volume of trade by the close of last week and the situation seemed to be somewhat firmer by the end of the period. Cables from the source showed prices to be exceptionally firm and entirely stable.

Cajeput.—While trade was routine, it was productive of a normal volume of business, which, in turn, resulted in prices ruling firm to steady in the absence of much in the way of real competition between dealers.

Camphor.—Cables continued to reiterate the strength of the primary market, a condition reflected locally by well maintained prices and a total absence of any tendency toward the granting of even occasional concessions in prices. Stocks were not large.

Caraway. — Reports from Holland were to the effect that the crop planted has been increased twenty percent over that set in the soil in 1936. This was expected to assure ample stocks of raw material for the manufacture of this oil. Prices remained firm in a not especially active market.

Cardamom.—Raw material was as high in price as ever. Hence, oil was held on the basis of the recent advance even though prompt delivery demand was on a hand-to-mouth basis at all times during the past week.

Cedarleaf.—Sellers found great difficulty in lining up anything for prompt shipment from the primary market. Something approaching real shortage of stocks existed at all points and to some extent open quotations were inclined toward a nominal position.

Cedarwood.—Southern material was in low supply in all times and prices were forced higher once more by the persistence of very good demand. Quotations became 24c. to 26c. per pound.

Citronella.—Java oil was down to 43c. to 45c. per pound, extending the movement started a short time back. Ceylon oil lacked further change but values were generally on the easy side and the tendency was definitely in favor of buyers for consumption.

Clove.—Production costs continued to rise and spot quotations were advanced by the makers last week. In drums, oil cost $1.25 per pound, while in cans, $1.27 per pound was asked at the close of last week. Demand was good and aided in the development and maintenance of strong undertones.

Erigeron.—The market was dull because it lacked demand. Given a wider and more sustained call, this article would probably be much higher in price than at present. This would have been the natural result of a very small production last year which was added to an equally small carryover.

Eucalyptus. — Demand continued to penetrate this market in a volume totally divorcing values from any signs of weakness. Unsold stocks were comparatively small on the spot, and practically everything due to arrive has been sold into consumption for many weeks.

Geranium.—Algerian and Bourbon oils lacked further decline, and the Turkish material failed to advance further in price. However, the latter was strong at the source because of underproduction and the fendency toward further advance was conspicuous. The first two oils were still somewhat unsettled by prevailing competition.

Ginger. — The prices on this item were fully firm and free from much in the way of competitive influences. Demand was a supporting element in the market. So, also, was the high cost of raw material as well as the absence of normal reserves of the same.

Lavender. — A very quiet market prevailed, but on the whole U.S.P. material continued to be placed in a position mainly favorable for manufacturing consumers. In general, the market was easy in undertone, though not to the extent that open reductions were made in prices. Demand was routine in all respects.

Lemon. — A strong market prevailed on the spot but important activity was lacking. There was a generally steady demand for the material and in view of the high prices and small stocks of Italian oil abroad, the situation appeared destined to remain one of great strength. Domestic oil was reported under production and fair quantities were said to be available.

Lemongrass. — The primary market replacement costs have decreased and spot quotations have followed the movement sufficiently to make prices 50c. to 52c. per pound and fairly easy thereat under the influence of a not too active consuming request.

Orange. — Activity was not great but, however, sellers did indicate that rather more interest was shown last week, and was counted a forerunner of the larger consumption due to begin with the arrival of Spring and the need to prepare for the active season in Summer. Prices were generally steady.

Palmarosa. — No further advance in prices was made but the market was exceptionally firm on the basis of the recently rising values. Replacement market prices were strongly maintained and the tendency was toward further advance in view of the considerably

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

OIL CHAULMOOGRA
M M & R is guaranteed to conform with U. S. P. standards for medicinal and pharmaceutical uses but provides an infinitely higher measure of quality than standard requirements.
MAGNUS, MABEE & REYNARD, INC.
32 CLIFF STREET, NEW YORK, N. Y.
BALSAMS, AROMATIC CHEMICALS
CONCENTRATED FLAVORS...Since 1895
Essential Oils
M&R MAGNUS

Improved!
Yes, improved and the price lowered! Continuous study of its natural constituents has enabled us to accomplish these results. Our OIL LIMES DISTILLED IMITATION is now a better product, fully as strong as the natural oil and about one half the cost.
Consult us on your season's requirements . . . and save money!
OIL LIMES DISTILLED IMITATION
FRITZSCHE Brothers, inc.
616 WEST 8TH STREET LOS ANGELES, CAL.
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd. 77 79 Jarvis St. Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL.

D. W. HUTCHINSON & CO., Inc.
IMPORT Established 1896 EXPORT
ESSENTIAL OILS — Odors and Flavors for All Purposes
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ESSENTIAL OILS
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AROMATICS
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601 West 26 St. New York, N. Y.

OIL OF SANDALWOOD EAST INDIA
We are pioneers in the distillation of this Oil in U. S. A. Looking back over our fifty-one years business experience, we can say that during half that time we have been manufacturers of Sandal Oil, and we unhesitatingly and without reserve offer our product as
THE FINEST OBTAINABLE
With our knowledge of Sandal, we believe you will admit we know whereof we speak when we make this claim.
High in Santalol content Exquisite in Aroma
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Factory: Brooklyn Branches: Chicago, San Francisco, Montreal, Mexico City

smaller than normal production this year.

Peppermint.—A narrow and uneventful market prevailed locally. Basically, the market at the source appeared to be distinctly firm with sellers showing determination to await the development of demand, holding prices firm in the meantime. A fair supply of oil was available to meet the irregular and usually jobbing business current on the spot.

Sassafras. — Artificial oil was exceptionally firm because of the recent advance in the cost of manufacture. The cost of raw material was well maintained at the source where no tendency to accept bids was said to exist. Demand for oil on the spot was very good.

Wormseed. — A very strong market prevailed. Demand on domestic and export account was very good and caused further shrinkage of the already not too ample stock of unsold merchandise at the source or in local warehouses. The tendency was toward further rise.

Aromatic Chemicals

Anethol.—The raw material market resumed its downward movement last week and on the whole the situation seemed likely to continue to be productive of more favorable prices. Hence, there were some who looked for an eventual decline in quotations on the derived material.

Anisic Aldehyde.—Prices were unchanged but in view of the recently downward trend in raw material costs —they were lowered again last week— some revision in quotations would not be surprising when competition shall force the developments.

Benzylidineacetone.— Hand - to-mouth demand was the rule last week and the result was a strictly jobbing volume of business. However, the market continued to be steady in undertone in the absence of competitive tendency as between the several suppliers.

Citral.—Not much change in the fairly good demand noted in recent weeks was noted but on the whole the situation was steady and free from unsettling influences so far as current competition in local circles was concerned.

Citronellal.—Ample supplies of this article were available and the market undertone was moderately soft much of the time last week. However, no changes in open quotations were made.

Diphenylmethane.— Very good demand was reported in two directions during the past week. Such sellers said that requirements of some of their larger customers had reached a substantial size and that they were therefore taking a considerably firmer view on the market.

Ethyl Cinnamate.—Jobbing business was fair in size but on the whole the market lacked more than limited activity and the result was a quiet situation in which values as a whole were in favor of those who came to the spot with firm orders in hand.

Eucalyptol.—Strong undertones prevailed, and conditions forecast continued strength as the predominant feature of the market for some time to come. Until stocks of raw material shall show a substantial increase, the position of the derived article can hardly change in favor of buyers.

Ionone.—Small orders were the rule and there were not a substantial number of the same. Hence, sales volume was at low ebb. Notwithstanding that, prices remained generally steady at all times.

Linalool.—Sustained request was generally reported and kept the market to a very firm price basis throughout the past week. Stocks were not excessive in size and that aided in the maintenance of prices in a position quite free from destructive competition.

Methyl Salicylate.—Demand was normal in volume, very steady, and gave some promise of improvement as the Spring season raises demand from some of the fairly large consumers of the material. Raw material costs were favorable for the makers.

Methyl Benzoate.—Irregular request was the general experience of sellers during the past week. Buyers purchased close to their actual requirements and hence volume was not expansive. However, in keeping with the unchanged cost of further stocks, sellers maintained quotations steadily.

Methyl Formate.—New business gained moderately last week and a somewhat more active market tended to make for generally firmer prices and a reduction in competition in local circles.

Methylheptenone.—Trade was steady. Absorption of offerings was in a volume normal for the material and it was productive of steady prices and a lessening of competition.

Safrol.—A firmer and steadily strengthening market was reported last week. That was in keeping with the recently higher cost of raw material and an almost total suppression of excessive competition between the domestic manufacturers of the material. Also, demand was very good.

Bids Wanted

Acetylene:—305,000 cubic feet; U. S. Engineer Office, Fort Peck, Montana; circular 371, opening March 15.

Aircraft Engine Fuel:—8,000 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; circular 561, opening March 15.

Alcohol:—54,000 gallons and 2,000 1-pint bottles; Purchasing and Contracting Officer, Medical Section, New York General Depot, Brooklyn, N. Y.; procurement 65, opening March 17.

Beverage Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Borax:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Cold Water Paint:—675 gallons; Contracting Officer, Quartermaster Corps, Fort Monroe ,Virginia; circular 570-50, opening March 10.

Creosote:—5,445 gallons; District Supply Officer, C.C.C., Binghamton, New York; procurement 5203-26, opening March 11.

Cutting Compound, Sulphur Base:—1,000 gallons; Commanding Officer, Frankford Arsenal, Pennsylvania; circular 472, opening March 16.

Dimethylanilin:—15,000 pounds; Commanding Officer, Picatinny Arsenal, New Jersey; circular 632, opening March 11.

Fire Clay:—Supplies of for delivery at various East and West coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 106, opening March 19.

Lacquer and Thinner, Clear:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 86, opening March 9.

Lard and Lard Substitute:—Supplies of; C.C.C. Sales Officer, Trenton District, Trenton, New Jersey; procurement 5219-39, opening March 15.

Supplies of; Quartermaster, Fort Myer, Virginia; procurement 579-29, opening March 22.

Metal Polish:—1,600 pints; Contracting Officer, Quartermaster Corps, Jeffersonville, Indiana; procurement 431-148, opening March 18.

Metal Polish:—32,500 pints; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-185, opening March 18.

Mixed Acid:—80,000 pounds; Commanding Officer, Picatinny Arsenal, New Jersey; circular 617, opening March 10.

Mucilage:—4,025 quarts; Purchasing Agent, Post Office Department, Washington; procurement 2541, opening March 12.

Oxygen:—640,000 cubic feet; U. S. Engineer Office, Fort Peck, Montana; circular 371, opening March 15.

Paint, Black:—550 gallons; District Quartermaster, Fort Barrancas, Florida; procurement 5401-75, opening March 16.

Paints and Enamels:—Approximately 1,000 gallons; U. S. Engineer Office, Fort Peck, Montana; circular 376, opening March 12.

Approximately 1,000 gallons, various; U. S. Engineer Office, Federal building, Galveston, Texas; circular 181, opening March 12.

Petrolatum, Heavy Liquid:—3,000 pounds; for Perry Point and Chicago; Procurement Division, Veterans Administration, Washington; procurement 566, opening March 12.

Petrolatum, Light:—200 gallons; for Perry Point and Chicago; Procurement 566, opening March 12.

Petrolatum, Solid:—750 pounds; for Perry Point and Chicago; Procurement Division, Veterans Administration, Washington; procurement 566, opening March 12.

Prussian Blue:—10,000 pounds; Purchasing Agent, Bureau of Engraving and printing, Washington; opening March 10.

Pyrethrum Powder:—1,200 pounds; District Quartermaster, Fort Barrancas, Florida; procurement 5401-69, opening March 11.

Scouring Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Supplies of; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

Shaving Cream:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Shoe Polish:—Supplies of; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri, procurement 801-116, opening March 15.

Soap, Grit:—15,500 cakes; Contracting Officer, Quartermaster Corps, Jeffersonville, Indiana; procurement 431-148, opening March 18.

Soap, Grit Scouring:—48,000 cakes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-185, opening March 18.

650,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-170, opening March 10, and procurement 626-185, opening March 18.

65,000 cakes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-170, opening March 10, and procurement 626-185, opening March 18.

Soap, Laundry:—Supplies of; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

150,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Indiana; procurement 431-148, opening March 18.

Soap, Shaving:—Supplies of; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Soap, Toilet:—Supplies of; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Soda, Caustic:—144,000 13-ounce cans; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-185, opening March 18.

Soda Lime, White:—12,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Maryland; circular 119, opening March 17.

Spices:—Supplies of; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Starch, Laundry:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Stove Polish:—144,000 cakes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-185, opening March 18.

Sulphuric Acid:—4,000 pounds; Commanding Officer, Picatinny Arsenal, New Jersey; circular 628, and 5,000 pounds; circular 632, opening March 11; and 100,000 pounds; circular 617, opening March 10.

Titanium Barium Pigment: — 1,250,000 pounds; for Norfolk and Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 100, opening March 19.

Tooth Paste:—Supplies; Quartermaster, Fort Oglethorpe, Georgia; procurement 641-36, opening March 16.

Tooth Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Trichlorethylene:—600 pounds; U. S. Coast Guard, Washington; opening March 9.

Washing Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Missouri; procurement 801-116, opening March 15.

Contracts Awarded

Acetone:—700 gallons; award to S. Weinstein Supply Company, at 48.18 cents, by the Commanding Officer, Picatinny Arsenal, New Jersey; procurement 434, opened January 26.

Acetylene and Oxygen Gas:—Supplies of for Milwaukee; award to the National Cylinder Gas Company, at $829.50, by the Procurement Division, Treasury Department, Washington; procurement RA-1861-G, opened January 8.

Alcohol: — Supply of; award to Magnus, Mabee & Reynard, at $666, by the Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 8339, opened December 29.

Aluminum Powder:—1,000 pounds; award to the Acme Bronze Powder Company, at 37 cents a pound, by the Quartermaster Depot, Baltimore; circular 53, opened January 4.

Aluminum Sulphate:—50,000 pounds; award to the American Cyanamid & Chemical Corporation, at 1.36 cents a pound, by the Rock Island Arsenal, Illinois; procurement 372, opened January 19.

Ammonia, Anhydrous:—6,000 pounds; award to E. I. duPont deNemours & Co., at 18.5 cents a pound, by the Rock Island Arsenal, Illinois; procurement 370, opened January 19.

Caustic Soda:—75,024 cans; award to the Buckeye Soda Company, at 4.479 cents a can, by the Quartermaster Depot, Chicago; circular 144, opened January 5.

14,000 cans; award to the Buckeye Soda Company, at 4.79 cents a can, by the Quartermaster Supply Officer, Fort Sam Houston; procurement 116, opened January 19.

Caustic Soda, Flake:—16,000 pounds; award to the Kaustine Company at $528, by the Quartermaster, C.C.C., New York; procurement 31, opened January 4.

Chlorine, Liquid:—6,000 pounds; award to the Mathieson Alkali Works, at 7.5 cents a pound, by the Quartermaster, Langley Field, Va.; procurement 26, opened December 31.

Enamel:—1,520 gallons; award to the Sherwin-Williams Company, at $1.45 a gallon, by the Post Office Department, Washington; procurement 1445, opened December 11.

Fuel Oil—Supply of for Hightstown, N. J. award to the Standard Oil Company of New Jersey, at $1,562.50, by the Procurement Division, Treasury Department, Washington; procurement 1958-W, opened January 14.

Fuel Oil, Diesel:—Supply of for Albuquerque, N. Mex.; award to the Magnolia Petroleum Company, at $1,490, by the Procurement Division, Treasury Department, Washington; procurement 2043-W, opened January 21.

Fuel Oil, Motor V:—24,000 gallons; award to the Standard Oil Company of New Jersey, at $1,653.60, by the Constructing Quartermaster, Washington; circular 15, opened December 24.

Lard Oil, Sulphurized:—500 gallons; award to the Socony-Vacuum Oil Company, at $1.70 a gallon, by the Commanding Officer, Rock Island Arsenal, Illinois; procurement 393, opened February 2.

Naphthalene:—4,000 pounds; award to the Zoro Company, at 7.25 cents a pound, by the Quartermaster Depot, Chicago; circular 144, opened January 5.

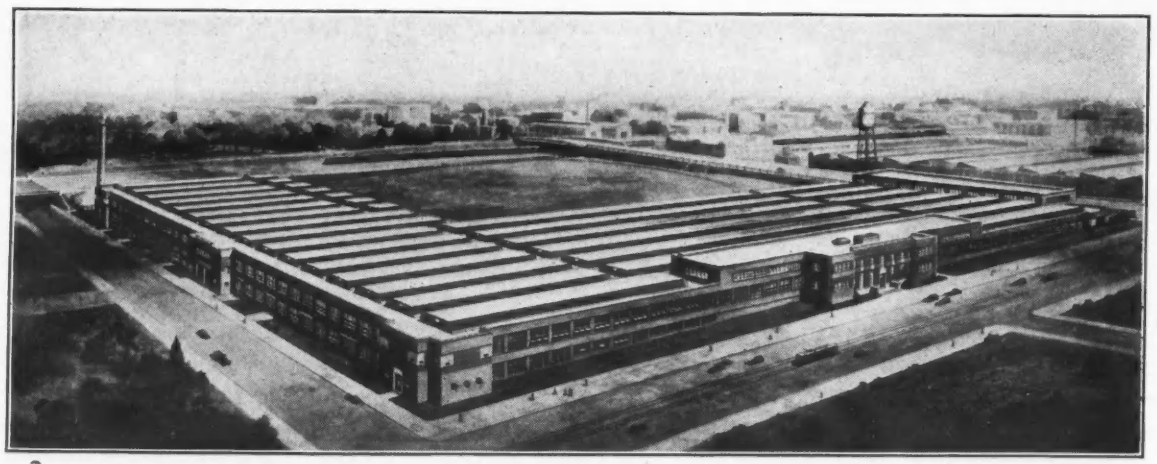
Paint:—390 gallons; award to the Jaegel Paint & Varnish Company, by the Quartermaster, C.C.C., Richmond, Va.; procurement 17, opened December 7.

Paint:—250 gallons; award to Negley & Co., at $1.33 a gallon, by the Quartermaster, Fort Brown, Texas; procurement 29, opened December 30.

Paint, Automobile:—Supply of; award to the Peaslee-Gaulbert Paint & Varnish Company, at $8,017.37, by the Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 7732, opened December 11.

Supply of; award to the Pittsburgh Plate Glass Company, at $262.42, by the Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 7732, opened December 11.

Crown Can Company's Modern Manufacturing Plant



The Crown Can Company is making tin cans in a brand new factory occupying an L-shaped site on a 17-acre plot in the northern sector of the Philadelphia area, fronting on Erie avenue and extending from G street to I street, with a three-track siding from the Pennsylvania Railroad accommodating forty or fifty cars.

The company, which is a new division of the Crown Cork & Seal Company, is making tin cans for paints and related products, for miscellaneous household utilities, for foods, and for other articles. Its plans contemplate the production of kits and steel barrels or drums in the future, when another wing will be added to the factory giving it the form of a square-bottom U.

The Crown Can plant, pictured herewith, is of modern construction—brick, concrete, and steel—and varies in height from one to three stories. The offices are situated in the center of the front wing in a two-story section. The floors are of concrete throughout, and the entire building is insulated with cork. The roof is of the monitor type, the sections having full-open glazed sides. The glass in the building is obscured on the sunny side and plain on the other sides.

Modern equipment, embodying some wholly new ideas, is used in the manufacturing operations. The machines are electrically driven. A specially developed idea is the laboratory service for which particular equipment has been installed for experimentation with new developments in packing, as well as with the individual problems of users of cans.

With respect to "internal affairs," the Crown Can Company provides in its new plant a fully equipped hospital, a cafeteria, and a variously equipped recreation room. For the more strenuous a handball court has been installed, and the plan is to add to the recreation facilities within the building and in its yard.

Petroleum Solvents, Lubricants, Fuels

Heavy Fuel Oils Scarce—Solvents in Brisk Demand—Gasoline Soft Under Light Buying — Daily Crude Oil Production Reaches New High

Heavy fuel oils took the spotlight position in the refined petroleum products market last week. Unusually heavy purchasing by railroads left refiners short of stocks and created the tightest market position in these oils in many years. The gasoline market was draggy in all important marketing points last week.

Petroleum solvents and naphthas were moving into the hands of industrial consumers in brisk fashion. Seasonal manufacturing activity in the paint, varnish and lacquer industry has broadened the demands to the best proportions of the year to date. Rubber solvents and the hydrogenated naphthas were also moving into consumption at a good rate. Prices for these products were without an important change last week and the entire market seemed firm at the higher levels established a few weeks ago. Petrolatum was another petroleum raw material that moved out of the refiners hands in brisk fashion and while the trade has been expecting a general advance in petrolatum prices since the beginning of this year, there were still some sellers at the price levels that have been quoted for some time. Paraffin wax was tighter despite the occasional appearance of low quotations, which were generally attributed to short interests.

The local gasoline situation was soft and similar reports were heard from other sections of the country. Market observers believed, however, that the market's current softness would not extend beyond the end of this month, counting upon the Spring bulge in consumption to lift the market's position.

The Texas House of Representatives passed a bill to increase the crude oil production tax from its present rate of 2¾c. per barrel to 6c. per barrel. It was generally expected that the bill would pass the Senate.

The production of crude oil continued to establish new high records. The daily average output for the week ended February 27 was 3,296,100 barrels, and increase of 150 barrels over the preceding week's average, according to the estimate of the American Petroleum Institute. The average for four weeks ended February 27 was 3,274,700 barrels and the average at this time a year ago was 2,774,700 barrels. Runs of crude oil to stills during the week ended February 27 were reported by the A.P.I. as having averaged 2,852,000 barrels for 79 percent of operation, and an additional 233,000 barrels per day were estimated to have been unreported for a total daily average of 3,085,000 barrels against 3,065,000 barrels in the preceding week.

Solvents and Diluents

The refinery market for petroleum naphthas and solvents for industry continued in a steady position throughout last week. There was a brisk demand against contracts and the movement out of the local bulk points was quite active, according to sellers. The tankwagon markets in the East and throughout the middle West were without change, having held at the advanced levels established a few weeks ago. Hydrogenated naphthas were in very good request at unchanged prices.

Cleaners' Naphthas. — The market held an unchanged position last week in both the refinery and tankwagon divisions of the market. The Group 3 situation with one refiner quoting 7⅜c. per gallon against a price ½c. per gallon higher which was named by all others.

Hydrogenated Naphthas.—The producers reported a brisk movement into the regular channels of consumption. There has been no change in the price structure with 16c. per gallon named for the Nos. 1 and 3 grades and 18c. per gallon for Nos. 2 and 4, f.o.b. refinery with freight equalized with the nearest competitive point.

Lacquer Diluent.—Lacquer manufacturers continued to provide a steady call for replacements and the market's activity has been good ever since the increase in prices a few weeks ago. January sales of lacquers reported to the Bureau of Census by 584 establishments who classified their sales of surface coatings, totaled a value of $3,550,021 against $4,441,388 in December and $3,399,185 in January, 1936.

Petroleum Thinners. — There have been no changes in the prices since the advances in the tankwagon markets on the middle West and certain Eastern points a few weeks ago. The Midcontinent refinery market was named at 6⅞c. per gallon with one seller offering at 6⅜c. per gallon, basis Group 3.

Stoddard Solvent.—Conditions surrounding the market for this article were not visibly changed from those of a week ago. There has been a good call from wholesale cleaners and the prices held at the general advances of a few weeks ago.

V. M. & P. Naphthas.—Reports from Midcontinent, mid-Western and Eastern bulk points indicated that the market held the added buying activity of the past few weeks. Prices in the bulk market and at the tankwagon distributing points continued without change.

Markets at Other Centers

Chicago, Mar. 4.—A fairly good demand existed for most grades of petroleum solvents and diluents. Prices have shown no further change. Interest in v.m. & p. material was on a slight expanded basis here and there. Other materials were moving in about routine fashion. Ruling prices in tankcar lots except as noted were (tankcar prices f.o.b. Group 3 Oklahoma): —Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 16.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.8c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon.

Tulsa, Mar. 4.—There was a larger volume of trading in petroleum solvents last week although prices continued unchanged at 7⅜c. to 7⅞c. per gallon for Stoddard, v.b.&p. and cleaner's naphtha. Refiners look for no important price changes unless the crude market should get stronger during the next few months.

Lighter Fractions

The market for petroleum hydrocarbons in the lighter solvent group has not evidenced any visible change of position as a result of the general advances in crude and refined oils early this year, and the market was described as having been steady at the levels that have been standing for some time. Demands from industrial purchasers of butanes, hexanes and others in this division of the market were routine.

Butanes. — There has not been a change in the price for a long time. The producers whose material tests up to the specifications of the N.G.A. continued to quote 2¼c. to 3⅜c. per gallon for tankcar lots, basis Group 3.

Heptanes. — Producers continued to quote the schedule that has been in force for some time, and the tankcar prices were 9½c. per gallon for mixed and 10½c. per gallon for the normal grade, f.o.b. Group 3.

Octanes.—This mixture shared in the general steadiness of the market for light hydrocarbon fractions. Quotations for tankcars remained at the long-standing level of 8½c. per gallon, basis Group 3.

Petrolatums and Waxes

White Mineral Oils. — The market's progress during the past week was not materially different from that of a week ago. There was a fairly good volume of business done in both the domestic and imported oils. Prices continued steady and there was no evidence of the competitive selling of a few months back. The O'Connor bills, which were designed to tax imports of mineral oil, did not show any progress last week.

Paraffin Waxes.—The scale wax market had a tightening tendency last week and, while the prices were unchanged, one of the larger suppliers withdrew from the market. A number of Pennsylvania refiners have sold up on their production for several weeks ahead. The Midcontinent market reported a similar condition. On the other hand, there was considerable activity on behalf of some of the short interests, and there were occasional reports of quotations below the market level of 2.65c. per pound for 122-124 American melting point and 2.70c. to 2¾c. per pound for the 124-126 melting point. Fully refined waxes continued in a steady and unchanged position.

CHICAGO, March 4.—Refined waxes were in good call currently, and the market was reported rather active. Buying has been coming recently from various sources, foreign and domestic. Sellers say there is no indication of a weakening market. Ruling prices were:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, March 4.—The wax market was strong and there were a large number of inquiries in the market. Several refiners will again be sold up for the month, it was expected during the next week, and, prices remained unchanged at 2⅝c. to 2¾c. per pound for the 124-26 grade of American crude.

Petrolatum.—There has been no general advance in prices as yet, although the trade has been expecting one since the beginning of the year. The demand has been brisk and continued so last week. Producers stocks were not burdened by surplus and some of the sellers have been quoting the white and amber grades at a higher price level for the past several weeks. There was a lively export demand as well as a good call for replacements and contract deliveries from the domestic accounts.

Outputs and Quotas

A comparison of Bureau of Mines calculations for February production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended February 27, follows:—

	B. of M. calculations.	State allowable.	Estimated output.
Okla.	581,900	581,900	603,000
Kans.	170,000	187,918	183,200
Texas	1,203,400	1,329,478	1,337,350
La.	225,100	235,700	243,100
Ark.	28,500	.....	27,500
East.	114,300	.....	117,550
Mich.	29,400	.....	33,100
Wyo.	41,900	.....	52,250
Mont.	14,700	.....	15,550
Colo.	4,500	.....	4,450
N. Mex.	81,600	92,609	97,350
Calif.	573,300	*561,000	581,700
Totals	3,068,600	.....	3,296,100

* Recommendation of Central Committee of California Oil Producers.

Fuels and Lubricants

The gasoline market here was soft because of a spotty buying condition. The posting of the leading refiners could have been shaded in the open market but the sellers did not expect this condition to continue beyond the end of the month. The trade was quite certain that the Spring motoring season would take up the slack in the buying and that prices would stiffen to posted levels within a few weeks. Tankcar prices for heating oil were lowered last week and the market appeared soft even at the reduced levels. Pennsylvania bright stocks and cylinder oils held their advanced position of a week ago.

Tankwagon Price Changes

VIRGINIA.—Effective February 27, the Standard Oil Company of New Jersey adopted the following commercial consumer policy in the state of Virginia, except Arlington and Fairfax counties:—Commercial consumers taking deliveries of 50 gallons or more at one time by tankwagon will be billed at a price of 2c. per gallon over the posted consumer tankcar price is effect at the time and place of delivery. Deliveries of less than 50 gallons at one time will be billed at a price of 6c. per gallon over the posted consumer tankcar price.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refineries was soft. There were no changes in the gasoline tankwagon and retail markets.

	Mar. 5	Feb. 26	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.376	$1.376	$1.296
Gasoline prices at refineries (at four refining centers) per gallon	.05375	.05375	.0553125
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1926	.1926	.1907

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

PENRECO U. S. P.
PETROLATUM
YOUR SPECIFICATIONS ACCURATELY MATCHED
PENNSYLVANIA Refining Company
General Offices: BUTLER, PA.
Branch Office: 43 East Ohio St., Chicago, Ill.
SNOW WHITE
LILY WHITE
CREAM WHITE
BLONDE
EXTRA AMBER
AMBER
RED

White Oils
All Grades PETROLATUMS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY — WARREN, PA. BUSH TERMINAL — BROOKLYN, N. Y.

NEUTROLEUM
ALPHA . . . GAMMA
Aromatic concentrates that neutralize and perfume. For use in fly sprays and all other preparations based on Petroleum distillates.
Write for detailed information
FRITZSCHE Brothers, inc.
616 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd. 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
110 WEST OHIO ST. CHICAGO, ILL

Market Conditions

Gasoline.—Tankcar prices quoted here by leading refiners continued unchanged but open market prices for 65 octane grade were ¼c. per gallon below the postings of the refiners. The posted market was 7c. per gallon for U. S. motor, 62-63 octane; 7¼c. per gallon for 65 octane of U. S. motor; and 7½c. per gallon for branded qualities, all in tanks, at refinery. It was further reported that 6¾c. per gallon could have been done on 65 octane gasoline in some directions. The jobbing demand was mild last week but the traders in the market did not expect the current price weakness to continue beyond the end of the month. With real Spring weather expected for April, the gallonage purchased should broaden and the prices should stiffen correspondingly. The export market at the U. S. Gulf continued without change last week with quotations as follows:—U. S. motor, 5⅝c. per gallon; 60-62, 400 e.p., 5¾c. per gallon; 60-62, 390 e.p., 5⅞c. per gallon; and 64-66, 375 e.p., 6c. per gallon.

Kerosene.—The local tankcar market moved down ¼c. per gallon last week with refinery quotations of 5½c. per gallon for 41-43 water white material. Even the reduced price level could have been shaded ⅛c. per gallon on the open market and the demand was draggy throughout the week. The export situation at the Gulf was softer last week with 5⅛c. to 5¼c. per gallon named for water white material, a reduction of ⅛c. per gallon. The price for prime white was unchanged at 5c. per gallon.

Fuel & Gas Oils.—Tankcar prices for light fuel oils were reduced ⅛c. per gallon at middle Atlantic seaboard terminals last week. The price for C grade bunker oil continued in a steady position at $1.20 per barrel and the price of Diesel oil was also unchanged. The demand for industrial fuels was mild last week.

Lubricating Oils.—The Midcontinent bright stock market was advanced last week but there was no further change in the position of the Pennsylvania oils. The latter were very strong, however, and the regular pour grades held at 27½c. per gallon, the advanced level of a week ago. This price included Federal tax. The cylinder oils were quite strong at the higher levels of a week ago.

Markets at Other Centers

Tulsa, Mar. 4.—A continually broadening demand for heavy fuel oils revealed a tightness of supply, the like of which has not existed for several years in the refined oil markets of the Mid-continent field. Some observers thought that a demand of the proportions being witnessed at this time has probably never before been known and created the "tightest condition" in more than ten years. Inquiries have been coming into the market for all periods of delivery and one buyer with orders for early shipment for 100 cars was able to obtain less than one dozen cars. There has been an insistent demand from railroads. Several refiners supplying the largest quantities have entered the market themselves and have been bidding against consumers for a supply. Prices despite this condition have advanced no further but 75c. per barrel for the lowest grades is easily obtainable. This is some 25c. per barrel above last Summer's low prices when the product was going begging.

However, there was another important price advance in the oil markets this week. Bright stocks which have been advanced one-half cent a gallon successively four times this year were advanced another one-half cent a gallon making prices range from 17c. per gallon for the 100 "D" to 22½c. per gallon for the top grade of 190 "D."

Severe climatic conditions in the northern middle western states again interfered with gasoline and kerosene consumption, but from other parts of the middle west came indications that an early upturn is expected. One of the largest distributors of the section cleaned up the distress gasoline hanging over the market in Oklahoma last week. There were some larger orders for kerosene from some of the refiners although the spot market in the latter was slow. In these two products the resale market was draggy and for spot movement a slight concessions were obtainable. In the contract market, however, no change was made during the week.

Distillates which have been the feature of the market for the past several weeks appeared to have lost the bouyancy that characterized trading in these products and they were more easily obtainable. Some slight concession in the resale spot market could be obtained and also in the lower grade of gas oils. These products have apparently reached the peak of consumption for the season and may be reversed from now on.

Following is a list of the approximate prices for the various refined products in the Mid-continent field on the basis of the group 3 quotations.

GASOLINE (refinery).—The lowest U. S. motor grade below 63 octane was still available at 4⅜c. per gallon while the 63 octane was 4⅝c. per gallon in the resale spot market and ranged up to 5¼c. in the contract market. The 67 octane ranged from 5c. to 5¾c. per gallon while the 68-70 was generally from 5⅞c. to 6½c. per gallon.

KEROSENE.—There were some orders filled in the resale spot market at 4c. per gallon but in the contract market the price remained from 4⅜c. to 4½c. per gallon for the 41-43 grade while for the 42-44 grade quotations were from 4¼c. in the spot market to 4⅝c. per gallon. This was the first time in three weeks that resale spot quotations have been below the low of the contract prices. Most refiners did not attach any importance to this condition claiming that the seasonal demand would soon begin and concessions may be withdrawn during the coming weeks in the spot quotations.

DISTILLATES.—This product was sympathetic with the kerosene market and some slight concessions were available in spot and in the resale market. The 38-40 grade No. 1 prime white was quoted from 3⅞c. to 4¼c. per gallon while No. 2 and No. 3 varied from 3¾c. to 4c. The low grades of gas oil straw and dark eased off to 3c. to 3¼c. in the markets, the latter price for contract quotations.

FUEL OIL.—There was no change in quotations in these products but all of the floating supply has been absorbed and refiners' March output was already taken up by contracts and spot sales. The ruling prices for the lowest grades appeared to be about 80c. per barrel, although one or two straggling cars were obtained at 75c. per barrel in the early part of the week. The 24-28 grade of high cold test remained at 85c. to 95c. per barrel while the low cold test, zero grade is $1.07½ to $1.15 a barrel.

LUBRICANTS.—The new bright stock prices ranged from 17c. for the 100 "D" pour 15-25 to 22½c. per gallon for the 190 "D" 15-25 pour and 4.5 color. The light blended oils were also advanced from 0.1c. per gallon for No. 20 SAE color 4.5 to ½c. in the No. 70, 4.5 color which was now 19½c. per gallon. The No. 20 was 12.4c. per gallon.

Chicago, Mar. 4.—With weather improving and gasoline consumption beginning to pick up a little, there is a slightly better feeling in the oil trade with reference to the outlook. Orders are coming through a little better from jobbers. Offerings of material are not so plentiful. However, jobbers continue to be rather slow in ordering more than they need for the moment. Service station markets hold considerable irregularity at this time. Kerosene is the product in which strength centers. Prices are firm to strong on this, with little available. Furnace oils are duller, but the heavy industrial oils are still strong. Lubricants are marking time, tone firm.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; middle octane motor, 5⅛c. to 5¼c.; high octane motor, 5¾c. to 5⅞c.; 60-62, 400, 4¾c. to 4⅞c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4⅜c. to 4½c. per gallon; 41-43, water white, 4¼c. to 4⅜c.

FURNACE OILS.—No. 1 white, 4c. to 4⅛c. per gallon; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3⅜c. to 3¾c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.; No. 2 dark, 3⅛c. to 3⅜c.

FUEL OILS.—No. 3, 3⅛c. to 3⅜c. per gallon; No. 4, $1.10 to $1.15 per barrel; No. 5, 87½c. to 92½c.; No. 6, 80c. to 85c.

New Orleans, Mar. 3.—A steady trend was again noted in the domestic market during the past week, prices remaining unchanged. Foreign inquiries and exports were both good. U. S. motor gasoline was quoted at 6⅛c.; U. S. motor below 62 octane at 6½c.; 63-67 octane at 6½c. and 68-70 octane at 7c.—all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene was steady at 7⅛c. per gallon at refinery.

Good demand was noted on Bunker C fuel oil at a quoted price of $1 per barrel at terminal and $1.05 per barrel delivered alongside, while industrial plants continued to be quoted at $1.41 per barrel delivered.

Trigg to Visit Paint Groups in Eight States

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, will spend the greater part of this month visiting local paint, varnish and lacquer associations in the West and Central West. He is scheduled to return to headquarters in Washington March 29.

His itinerary, with the hotels where he will stop, follows:—

March 8, Cincinnati, Netherland Plaza Hotel.
March 9, Pittsburgh, Duquesne Club.
March 10-11, Chicago, Drake Hotel.
March 12, Denver, Brown Palace Hotel.
March 14-16, Los Angeles, Biltmore Hotel.
March 17-21, San Francisco, Palace Hotel.
March 22, Portland, Multonomah Hotel.
March 23, Seattle, Olympic Hotel.
March 25-26, Minneapolis, Nicollet Hotel.
March 27, Chicago, Drake Hotel.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-Mar. 6	1936 Jan. 1-Mar. 6
Commercial crude oil production	208,431,000	184,648,000
	Week ended Mar. 6, 1937	Week ended Mar. 7, 1936
Daily average production	3,284,700	2,764,700
	Week ended Feb. 27, 1937	Week ended Feb. 20, 1937
Estimated motor fuel stock total	76,616,000	74,798,000
Estimated finished motor fuel stock at refineries	49,485,000	48,056,000

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Abbott Laboratories	Com.	Q.	40c.	Mar. 31	Mar. 16
Abbott Laboratories	Com.	Ext.	10c.	Mar. 31	Mar. 16
Allied Products Corp	Cl. A	Q.	43¾c.	April 1	Mar. 8
American Home Products Corp	.....	M.	20c.	April 1	Mar. 15
Anaconda Copper Mining Co	.....	..	25c.	Mar. 29	Mar. 8
Armour & Co. (Del.)	Pfd.	Q.	$1.75	April 1	Mar. 10
Armour & Co. (Ill.)	Pfd.	Q.	$1.75	April 1	Mar. 10
Armour & Co. (Ill.)	Prior pfd.	Q.	$1.50	April 1	Mar. 10
Borne-Scrymser Co	Com.	..	75c.	April 15	Mar. 20
Brillo Mfg. Co	Com.	Q.	20c.	April 1	Mar. 15
Carter (Wm.)	Pfd.	Q.	$1.50	Mar. 15	Mar. 10
Coca Cola Co	Com.	..	50c.	April 1	Mar. 12
Devoe & Raynolds Co	Cl. A	Q.	75c.	Mar. 20	.....
Devoe & Raynolds Co	Cl. B	Q.	75c.	Mar. 20	.....
Devoe & Raynolds Co	Pfd.	Q.	$1.75	Mar. 20	.....
Eagle-Picher Lead Co	Com.	..	10c.	April 1	Mar. 10
Eagle-Picher Lead Co	Pfd.	Q.	$1.50	April 1	Mar. 10
Grand Rapids Varnish Corp	.....	Q.	25c.	Mar. 31	Mar. 20
Greene Cananea Copper Co	.....	Q.	75c.	Mar. 15	Mar. 8
Hazel-Atlas Glass Co	Com.	Ext.	$1.56	April 1	Mar. 12
International Nickel Co	Pfd.	Q.	$1.75	May 1	April 1
Lindsay Light & Chemical Co	Pfd.	Q.	17½c.	Mar. 15	Mar. 6
Liquid Carbonic Corp	.....	Q.	65c.	April 1	Mar. 16
Margay Oil Co	.....	..	25c.	Mar. 20	Mar. 9
Mathieson Alkali Works	Com.	Q.	37½c.	Mar. 31	Mar. 5
Mathieson Alkali Works	Pfd.	Q.	$1.75	Mar. 31	Mar. 5
Merrell (Wm. S.) Co	Pfd.	..	$1.75	Mar. 15	Mar. 8
National Lead Co	Com.	Q.	12½c.	Mar. 31	Mar. 12
National Lead Co	B pfd.	Q.	$1.50	May 1	April 26
Ohio Oil Co	Pfd.	Q.	$1.50	Mar. 15	Mar. 3
Penn Valley Crude Oil Corp	Cl. A	Q.	12½c.	April 1	Mar. 15
Pet Milk Co	Com.	Q.	25c.	April 1	Mar. 11
Petroleum Exploration Co	.....	Q.	25c.	Mar. 15	Mar. 5
Petroleum Exploration Co	.....	Ext.	10c.	Mar. 15	Mar. 5
Pure Oil Co	5¼% pfd.	Q.	$1.50	April 1	Mar. 10
Pure Oil Co	6% pfd.	Q.	$1.50	April 1	Mar. 10
Pure Oil Co	8% pfd.	Q.	$2.00	April 1	Mar. 10
Seaboard Oil Co. (Del.)	.....	Q.	25c.	Mar. 15	Mar. 5
Shell Union Oil Co	Pfd.	Q.	$1.37½	April 1	Mar. 10
South Penn Oil Co	.....	Q.	37½c.	Mar. 31	Mar. 16
South Penn Oil Co	.....	Ext.	22½c.	Mar. 31	Mar. 16
Standard Oil Co. (Ind.)	CS	Q.	25c.	Mar. 15	Feb. 15
Standard Oil Co. (Ind.)	CS	Ext.	15c.	Mar. 15	Feb. 15
St. Joseph Lead Co	.....	..	50c.	Mar. 20	Mar. 5
Sunray Oil Co	Com.	..	5c.	April 26	Mar. 26
Sunray Oil Co	Pfd.	Q.	68¾c.	April 1	Mar. 10
Texon Oil & Land Co	Com.	..	15c.	Mar. 31	Mar. 10
Union Carbide & Carbon Corp	.....	..	80c.	April 1	Mar. 9
Walgreen Co	SD	..	50%	Mar. 9	Mar. 2
Wesson Oil & Snowdrift Co	Com.	Q.	12½c.	April 1	Mar. 15
Wesson Oil & Snowdrift Co	Com.	Ext.	50c.	April 1	Mar. 15
Wiser Oil Co	Com.	Q.	25c.	April 1	Mar. 11

Corporation Earnings Recently Reported

		1936		1935	
	Period.	Net income.	Per share.	Net income.	Per share.
American Home Products Corp	1936	$2,822,839	$3.81	$1,717,793	$2.57
American Smelting & Refining Co	1936	17,131,036	6.85	13,768,153	5.01
American Zinc, Lead & Smelting Co.	1936	52,336	...	*219,150	...
Angostura-Wuppermann Corp	1936	89,962	.45	58,188	.29
Argo Oil Co	1936	283,103	...	.....	...
Atlantic Refining Co	1936	7,342,197	2.59	3,970,598	1.49
Barnsdall Oil Co	1936	2,262,544	1.01	741,136	.35
Beech-Nut Packing Co	1936	2,709,039	6.19	2,273,757	5.20
Brillo Mfg. Co	1936	212,044	1.11	129,088	.54
Celluloid Corp	1936	182,854	...	154,147	...
Coca Cola Co	1936	18,598,078	4.65	13,895,986	3.48
Diamond Match Co	1936	2,056,031	1.59	2,276,304	1.75
Dominion Tar & Chemical Co	1936	334,166	7.27	243,563	4.44
Eureka Pipe Line Co	1936	*81,090	...	101,433	...
Freeport Sulphur Co	1936	2,009,784	2.43	1,492,109	1.78
Fyr-Fyter Co	1936	55,668	.45	39,420	.01
Gair (Robert) Co	1936	821,726	.46	820,448	.46
General Printing Ink Corp	1936	1,177,803	5.28	924,059	3.88
Haloid Co	1936	192,815	1.36	142,706	.99
Homestake Mining Co	1936	7,650,452	30.46	8,144,528	32.43
International Salt Co	1936	397,129	1.65	308,772	1.28
Kirby Petroleum Co	1936	97,814	.20	146,493	.29
Lion Oil Refining Co	1936	594,735	1.48	*58,987	...
National Container Corp	1936	259,602	1.67	207,272	1.26
National Gypsum Company	1936	1,018,656	2.92	532,463	1.25
National Lead Co	1936	7,232,531	1.71	5,261,890	1.08
Penick & Ford, Ltd	1936	1,301,927	3.52	1,052,960	2.85
Richfield Oil Co. (Cal.)	1936	615,568	...	*2,160,770	...
Sharp & Dohme, Inc	1936	1,123,959	.41	747,846	...
Southern Pipe Line Co	1936	40,853	...	1,214	...
South West Penn. Pipe Line Co	1936	34,066	...	144,438	...
St. Joseph Lead Co	1936	3,409,632	...	933,746	...
Sun Oil Co	1936	7,563,554	3.25	7,100,239	3.22
Vick Chemical Co	6 mos.	1,934,794	2.76	1,440,037	2.06
Zonite Products Corp	1936	98,307	.12	*146,956	...

* Deficit.

Monsanto Co. to Vote on Stock Increase March 23

Stockholders of the Monsanto Chemical Company, St. Louis, at the annual meeting March 23, will vote on a plan to increase the capital stock from 1,250,000 shares to 2,000,000 shares, of which 275,000 no par will be preferred and 1,725,000 common. Of the present authorized 1,250,000 shares, 1,114,409 have been issued. As the terms of the proposed charter amendment fix $100 as the liquidating value of the preferred, the amount of preferred authorized approximates $27,500,000.

In a letter to stockholders, Edgar M. Queeny, president, states that expansion needs of the company and industry require continual large investments in plants and additions to working capital to keep pace with opportunities and demand. In the eight years, 1929 to 1936, Monsanto invested $17,713,000 in plant alone, he pointed out. Last year the outlay in this respect was $5,603,000. In justification of these expenditures, the company's annual report, just issued, shows progressive increase in sales and profits establishing new peaks for each of the last four years.

The net income of the company, applicable to its own stock, after provision for British subsidiary preference dividends and minority interests, was $4,468,703, or $4.01 a share on the 1,114,409 shares outstanding. For 1935, net income was $3,843,390, or $3.85 a share on the 999,123 shares then outstanding. Sales for the year were $28,848,438, compared with $24,705,575 in 1935.

William G. Skelly, president of the Skelly Oil Company, has been elected president and a director of the Pacific Western Oil Corporation, to succeed H. P. Grimm, resigned.

Fertilizer Materials

Large Spring Consumption Indicated—Nitrate of Soda Active —Packing House Ammoniate Prices Continue Downward —Cyanamide in Good Demand

From the reports coming into the offices of sellers of fertilizer raw materials, indications of an excellent Spring demand for fertilizer were received from virtually every agricultural section in the country. The early returns indicated that the season should prove an exception to the maxim that a late season is a poor season. Weather conditions during the past few weeks have been more favorable to soil preparation in the South and reports from the Louisiana-Mississippi sector indicated a lively movement of mixed goods to farmers within the past ten days. The mid-South was swinging into season slowly. Producers in some of the Northern markets reported that growers were inclined to chance that the remainder of the Winter would continue as mild as the fore part and were planning to plant within two weeks. Nitrate of soda was one of the fastest moving items in the list last week.

Prices for packing-house ammoniates continued an orderly decline last week with very little interest shown by fertilizer and feeding buyers. The trade was generally unresponsive to the current offerings of fish products, particularly in the position of sardine meal, most of which would not be available for use in this season's mixtures.

Cyanamide has been moving into the mid-Western market in heavy tonnage this season and producers were reported as operating at full capacity limits to fill their commitments. Cal-nitro and calcium nitrate have also been moving in good volume.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Blood, dom., import., 15c. per unit.
Bone, meal, dom., Chicago, $2 per ton.
import., 25c. per ton.
Fish meal, import., spot, N. Y., $3 per ton.
Tankage, dom., ungr., N. Y., 5c. per unit-ton.
fertilizer grade, Chicago, 25c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	64.0	64.0	58.4

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The deliveries against contracts were moving out in good fashion last week. The volume moved from port warehouses during the past few weeks has been good-sized and under the favor of weather conditions, the market was expected to evidence continued life over the next few weeks. The prices situation continued undisturbed and quotations were at schedule levels.

Sulphate of Ammonia.—Sellers reported a fair volume of business last week. The market seemed steady with sellers holding for the full asking prices of the schedule. The January production of ammonia, as represented by the sulphate of ammonia equivalent of all forms of ammonia produced from by-product coke operations during that month, was 69,698 short tons, an increase of 2 percent over the December production and the largest month's output in recent years. The December, 1936, figure was 69,563 tons, and the production in January, 1936, was 52,420 tons. The January, 1935, output was only 42,787 tons, according to the estimates of the Bureau of Mines.

Cyanamide.—The demands continued active and the prices held unchanged at the basis of $1.07½ per unit of ammonia, f.o.b. Atlantic ports, and $1.12½ per unit, f.o.b. Gulf ports or delivered to interior points.

Dried Blood.—Prices declined at all marketing points last week. Importers offered March-April position at $3.75 per unit, a reduction of 15c. per unit from the preceding week. The New York market was also off 15c. per unit to $3.75 with sales reported at that figure. The Chicago market was also reduced last week with $3.75 per unit quoted against the $3.90 per unit price of a week ago.

Castor Pomace.—The domestic product was quoted at $23 per unit flat. This price was f.o.b. producing point, and the sellers who formerly quoted $24 per ton were not attempting to get that price any more.

Fish Scrap.—Prices on Japanese sardine meal for import were largely subject to individual negotiation and ability to book steamer space. Latest prices heard here were $52 per ton for April shipment and $48 per ton for June shipment. Spot prices were reported at $52 per ton at New York and $55 per ton at Baltimore. The domestic menhaden meal was nominally $60 per ton at Baltimore last week.

Hoof Meal.—The Chicago market remained at the preceding week's level of $3.25 per unit with little interest shown by the purchasers.

Nitrogenous Material.—There were offerings from abroad last week at $3.25 per unit for March shipment, basis c.i.f. ports. The Eastern domestic market was in a mixed position with $3.90 per unit quoted at Norfolk and with rumors that sellers at other ports had been offering a week ago at $3.50 per unit for prompt shipment, f.o.b. shipping points. The Carrollville market was $3.40 per unit at the producing point, with little material offered.

Tankage.—Although latest reported sales of imported were invoiced at $4 and 10c. per unit-ton, local observers did not believe that this figure represented the true market position at this time. Fertilizer grade material moved downward at Chicago last week with $3.50 and 10c. per unit-ton mentioned against $3.75 and 10c. per unit-ton a week ago. Unground material was cheaper in New York last week with $3.35 and 10c. per unit-ton quoted and accepted on a sale. The price was 5c. cheaper than the preceding week's quotation. Ground material was quoted here at $4 and 10c. per unit-ton.

Potashes

The market continued in very quiet fashion. The Louisiana - Mississippi sector which, usually, has an early season, was expected to evidence interest in spot needs soon but because of the unfavorable weather and delayed soil preparation in past weeks in the greater portion of the Southern area, the fill-in, seasonal, activity will not likely appear until the latter part of the month. Prices continued at list and without disturbance.

Phosphates

Easier prices for domestic and foreign bone meal were features in the phosphate materials market last week. General trade was quiet and lacking in developments of importance. The nominal prices for imported precipitated dicalcium phosphate was higher than when last reported.

Bone Materials.—The price of 3 and 50 meal in Chicago was quoted at $20 to $23 per ton in Chicago last week, compared with a previous market range of $22 to $24 per ton. Imported meal was posted at $26 per ton for April shipment from abroad, compared with $26.25 per ton previously. The nominal price for precipitated dicalcium phosphate was now 74c. per unit, c.i.f., compared with 72c. when previously reported here.

Phosphate Rock.—There has been no change in the position of Florida rock prices and as indicated previously, there has been virtually no new business booked in recent months as the buyers were covered on long-term contracts which were made about a year ago.

Superphosphate.—The sellers continued to display a firm attitude, particularly when talk of prices for next season was mentioned.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Sulphur and Pyrites

The featured point of interest in the sulphur market was the news that new interests have taken control of the sulphur properties in and around Inyo, California. The new company is preparing to offer run-of-mine sulphur to West Coast consumers and export buyers. The first unit of a refinery has been constructed.

Sellers of Louisiana and Texas sulphur reported an active demand for deliveries against contracts with the paper manufacturers as prominent in the buying as heavy industry and chemical processors. Prices continued unchanged and there were no further reports on the progress of the Texas tax bill last week.

Markets at Other Centers

Atlanta, Mar. 4.—Manufactured fertilizers were beginning to move out of factories to dealers, but movement to the farm has been delayed by weather that had hindered land preparation. Small manufacturers and mixers were in the market for materials and some fill-in orders were expected from larger producers during this month.

Among the ammoniates, sulphate of ammonia, nitrate of soda and cottonseed meal were in most active demand. Though packing house ammoniates were weaker, they did not approach the lower level of cottonseed meal.

Weather here now more favorable for land preparation and rapid progress was reported in the fields.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—$11.30 ton, interior producing points.

NITRATE OF SODA.—Bulk, $25.50 ton, port basis.

SULPHATE OF AMMONIA.—$27 per ton, port basis.

COTTONSEED MEAL.—7 percent grade, $34 ton, interior mill points.

BLOOD.—$3.75 unit, Chicago.

TANKAGE.—$3.75 and 10c. per unit, Chicago.

NITROGENOUS.—$3.60 per unit, midwest.

FISH.—Florida scrap, $45 ton, Fernandina.

Baltimore, Mar. 4.—Despite the superficial quiet in the market for crude fertilizer materials there was a good undertone to the market. Sellers were not inclined to make price concessions. The prevailing quotations were about as follows:—

FISH SCRAP.—Menhaden meal was quoted at $60 per ton, with Japanese sardine meal at $55 per ton. No sales of new scrap have been reported, with the buyers and sellers too far apart to encourage expectations of trading on any considerable scale. Buyers talk of $3.25 and 10c. per unit-ton, while the producers mention as $3.90 and 10c. per unit-ton as the level they might be disposed to consider. A few lots of herring scrap were receiving consideration, with the sellers refusing to take $3.90 per unit-ton. Offers of menhaden scrap at resale have been made at $53 per ton, but buyers were not interested at this level.

TANKAGE.—Unground was quoted at $3.75 and 10c. and ground at $4 and 10c. to $4.25 and 10c. per unit-ton, depending on quality.

BLOOD.—Spot stocks were held at $4.10

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Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing on analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

to $4.15 per unit, with supplies for shipment about $3.85 per unit-ton.

GARBAGE TANKAGE.—Offers have been made at $9 per ton, f.o.b. shipping point, but market observers take the view that $8.50 per ton would be a closer approximation of the prevailing level of value. At the latter figure the quotations at Baltimore would be from $12 to $12.50 per ton.

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine
CHILEAN NITRATE SALES CORPORATION
120 BROADWAY, NEW YORK, N. Y.

POTASH.—The quiet that has prevailed in this division of the crude market continues.

BONE.—Spot 4½ and 50 raw stocks ranged around $38 per ton, with a lot of 4½ and 45 South American bone for shipment tendered at $32, c.i.f. Ground 3½ and 50 steamed bone was still held at $26 to $28 per ton.

Chicago, Mar. 4.—A generally quiet and rather nominal type of market prevailed in the fertilizer materials dealings here. Prices on representative grades of material have shown no special inclination to firm up. In some cases, such as blood, there have been evidences of easiness, and sellers were now willing to consider prices somewhat below those earlier ruling. Some buyers seem to have been a little anxious to acquire material, but mostly in limited lots. Tankage is just about marking time. Bone materials show little or no change, with cracklings generally pursuing a price tendency that is easy.

BLOOD.—Principal grade, $3.80 to $4 per unit of ammonia.

TANKAGE.—High grade, $3.55 to $3.70 and 10c.; low grade, $19 to $20, Middle West; liquid stick, $2.25 to $2.50; hoof meal, $3.25 to $3.35.

TANKAGE.—Ground, steamed bone, 1¼ and 60 percent, $20 to $21; 3 and 50 percent, $21 to $23; 4½ and 50 percent, $28 to $30; grinding hoofs, pigs' toes and waste horn materials, $22 to $23; junk and hotel kitchen bones, $21 to $23; cattle jaws, skulls and knuckles, $30 to $31; pork cracklings, soft pressed, $60 to $65; beef cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 85c. to 90c.

San Francisco, Mar. 4.—The trade reported a rather quiet week. Animal and fish materials remained in light demand and the tone was lacking in snap. Some offerings on blood and tankage were going begging and a true picture of price was somewhat difficult to find, the situation being largely nominal. In any event, on blood, bone and tankage, buyers' and sellers' ideas seemed to be fairly well separated. Fish meal was definitely easier, when it was confirmed that resale material in the Los Angeles market was going at $49, but the trade here reported that buyers generally were not challenging the previous quotation of $53, but were simply passing up the matter of making inquiries or bids. There continues to be resale inorganic materials in and out of the market, a result of the long shipping tie-up and the citrus belt freeze, and buyers were not contracting ahead with first-hand sellers to any extent.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; bulk lots, $26 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles, and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices good for delivery to June.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A.

POTASH NITRATE.—100-pound bags, $33 per ton, ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic quoted at from 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, 75c. per unit in bags, c.i.f. Pacific Coast.

FISH MEAL.—California sardine meal was quoted at $53 per ton, prompt to deferred shipment, f.o.b. cars, Monterey/San Francisco, with reports of resales in the Los Angeles market at $49. Japanese

(Continued on page 61)

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, CRESYLIC—10 dms, American British Chem Supplies, American Traveler, Manchester
75 dms, American Cyanamid & Chem Co, American Traveler, Liverpool
47 dms, Monsanto Chem Co, American Traveler, Liverpool
100 dms, Monsanto Chem Co, American Traveler, Manchester
145 dms, Cameronia, Glasgow
100 dms, Aurania, Liverpool
10 dms, Monsanto Chem Co, Aurania, Liverpool
ADEPS LANAE—100 bbls, C Tennant Sons & Co, American Traveler, Liverpool
AGAR AGAR—15 cs, Consumers Import Co, President Lincoln, Kobe
ALBUMEN, DUCK—45 cs, Paul A Dunkel & Co, Sonnavind, Shanghai
EGG, HEN—56 cs, D L Moss & Co, Hokuroku, Shanghai
56 cs, Importers Com Co, Hokuroku, Kobe
56 cs, Consumers Import Co, Hokuroku, Kobe
56 cs, Hokuroku, Kobe
56 cs, Consumers Import Co, Hokuroku, Tientsin
56 cs, D L Moss & Co, Bordeaux, Shanghai
IMPURE—10 cks, Franklin Import & Export Co, Hamburg, Hamburg
ALMOND MEAL—10 kegs, Ungerer & Co, Antonia, London
ALOE—410 cs, Amazone, Curacao
150 cs, Caracas, Aruba
ALUMINUM LEAF—9 cs, F P Gaskell & Co, Westernland, Antwerp
AMMONIA, CARBONATE—21 cs, American British Chem Supplies, Cameronia, Glasgow
ANNATTO SEED—1 bg, O Gerdau & Co, Pastores, Kingston
100 bgs, D Steengrafe, Pastores, Kingston
200 bgs, D Steengrafe, Calamares, Kingston
ANTIMONY, OXIDE—250 bgs, K R Bandekow, Bordeaux, Shanghai
REGULUS—250 cs, United American Metal Corp, Sonnavind, Shanghai
ARSENIC, RED—150 dms, American Cyanamid & Chem Co, Westernland, Antwerp
ARTIST'S MATERIAL—6 cs, Winsor & Newton, American Shipper, London
ASPHALT—180 bgs, Yucatan, Havana
329 bgs, 20 dms, Hamburg, Hamburg
250 bgs, A V Berner & Co, Oriente, Havana
380 bgs, A V Berner, Seatrain New Orleans, Havana
310 bgs, Central Com'l Co, Seatrain New Orleans, Havana
651 dms, Antonia, London
BALSAM—20 cs, Dodge & Olcott Co, Pastores, Cristobal
6 cs, C E Griffin & Co, Pastores, Cristobal
BARYTES—4 cars, F E Schundler Co, Seatrain New Orleans, Havana
BAUXITE RESIDUE—200 bgs, 20 tons, 4 cwt, J Lee Smith & Co, Liberty, Glasgow
224 bgs, 10 tons, 2 cwt, Smith Chem & Color Co, Liberty, Glasgow
BISMUTH, REF—200 cs, Cerro De Pasco Copper Corp, Cumbal, Callao
BLEACHING POWDER—305 dms, H H Rosenthal Co, Hokuroku, Osaka
TINT—4 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Aurania, Liverpool
BONEMEAL—1,300 bgs, Hamburg, Hamburg
BRISTLES—1 cs, M Broverman & Son, American Merchant, London
16 cs, 1 ck, American Merchant, London
7 cs, F H Cone & Co, Nako, Kobe
50 cs, Guaranty Trust Co, Nako, Tientsin
55 cs, Melchers, Inc, Sonnavind, Dairen
12 cs, F H Cone & Co, Sonnavind, Kobe
33 cs, Tradesmen National Bank, Hokuroku, Harbin
28 cs, Philadelphia National Bank, Hokuroku, Harbin
2 cs, Bank of London South America, Hokuroku, Osaka
10 cs, F H Cone & Co, Hokuroku, Kobe
50 cs, National Bank of Commerce, Hokuroku, Kobe
50 cs, Hokuroku, Kobe
25 cs, Philadelphia National Bank, Hokuroku, Shanghai
45 cs, Corn Exchange Bank, Hokuroku, Shanghai
100 cs, Royal Bank of Canada, Hokuroku, Tientsin
2 cs, J Henry Schroeder Banking Co, American Shipper, London
23 cs, Continental Bank Trust Co, American Shipper, London
14 cs, American Shipper, London
21 cs, A Hurst & Co, President Lincoln, Shanghai
50 cs, F W Von Stade, President Lincoln, Shanghai
32 cs, F H Cone & Co, President Lincoln, Shanghai
8 cs, Matheson & Co, President Lincoln, Hongkong
66 cs, H C Ritchie & Co, President Lincoln, Hongkong
91 cs, B C Ritchie & Co, President Lincoln, Kobe
15 cs, F W Von Stade, President Lincoln, Kobe
4 cs, F H Cone & Co, President Lincoln, Kobe
BRONZE POWDER—20 dms, Hamburg, Hamburg
BUCHU LEAVES—5 bls, Peek & Velsor, Berengaria, Southampton
CADMIUM—41 cs, Bergensfjord, Bergen
METAL—15 cs, Westernland, Antwerp
CALCIUM NITRATE—454 bgs, Synthetic Nitrogen Product Corp, Bergensfjord, Berlin
400 bgs, Synthetic Nitrogen Product Corp, Topdalsfjord, Skein
CAMPHOR, REFINED—23 cs, Abraham & Straus, Hokuroku, Kobe
75 cs, Iwai & Co, Bordeaux, Kobe
CANARY SEED—321 bgs, A G Dunn, Northern Prince, Buenos Aires
1,150 bgs, Northern Prince, Buenos Aires
CARDAMOM—5 cs, Lo Curto & Funk, American Merchant, London
66 tins, P H Petry & Co, Musa, Porto Barrios
150 cs, Barber S S Line, American Shipper, London
CASEIN—64 bgs, American Cyanamid & Chem Co, Atlantida, Santiago
134 bgs, D C Andrews & Co, Hamburg, Hamburg
250 bgs, A Hurst & Co, Northern Prince, Buenos Aires
CASSIA—261 bls, Modjo Kerto, Padang
100 bls, Black Diamond Seed Co, President Lincoln, Hongkong
VERA—129 pkgs, J F Frank, Muncaster Castle, Padang
CASTOR BEANS—1,855 bgs, Spencer, Kellogg & Sons, Ayuruoca, Santos
3,386 bgs, Ayuruoca, Rio Janeiro
1,694 bgs, Wessel, Duval & Co, Ayuruoca, Bahia
8,286 bgs, Ayuruoca, Bahia
2,550 bgs, Spencer, Kellogg & Sons, West Imboden, Santos
835 bgs, West Imboden, Santos
6,084 bgs, Baker Castor Oil Co, West Imboden, Santos
1,700 bgs, West Imboden, Pernambuco
6,680 bgs, Spencer, Kellogg & Sons, West Imboden, Pernambuco
4,998 bgs, Baker Castor Oil Co, Umberleigh, Bahia
1,666 bgs, Spencer, Kellogg & Sons, Umberleigh, Bahia
5,920 bgs, Umberleigh, Bahia
5,750 bgs, Baker Castor Oil Co, Umberleigh, Rio Janeiro
16,878 bgs, Umberleigh, Santos
CELERY SEED—76 bgs, McKesson & Robbins, New Orleans, Karachi
CHALK—188 bgs, W Manley, President Harding, Hamburg
BLOCK—500 tons, Kidder, Peabody & Co, Port Campbell, London
COMMON—72 bgs, 6 cks, Premier Shipping Co, American Shipper, London
CHAMOMILE FLOWERS—4 cs, Yardley & Co, American Merchant, London
CHEMICALS—150 pkgs, African Metal Corp, Black Gull, Antwerp
45 dms, Black Gull, Antwerp
42 cks, Advance Solvents & Chem Co, Bergensfjord, Menstad
11 dms, 9 cks, 4 cs, Europa, Bremen
140 cks, Jungmann & Co, Hamburg, Hamburg
14 cks, 140 carboys, Advance Solvents & Chem Co, Hamburg, Hamburg
4 cs, Byk, Inc, Hamburg, Hamburg
20 cans, 17 cks, 61 bbls, 11 cs, 16 dms, Hamburg, Hamburg
11 cs, Schimmel & Co, Hamburg, Hamburg
20 bbls, E I Du Pont de Nemours & Co, Hamburg, Hamburg
118 bbls, Hamburg, Hamburg
10 cs, P C Kuyper & Co, Hamburg, Hamburg
3 pls, Major Forwarding Co, Hamburg, Hamburg
27 cs, 230 bgs, Innis, Speiden & Co, Hamburg, Hamburg
2 cs, J E Bernard & Co, Hamburg, Hamburg
1,016 bgs, Advance Solvents & Chem Co, Hamburg, Hamburg
100 kegs, Hummel Chem Co, Hamburg, Hamburg
2 cs, Ernst, Bischoff Co, Hamburg, Hamburg
120 carboys, Ernst W C Toepfer, Hamburg, Hamburg
10 dms, Advance Solvents & Chem Co, Topdalsfjord, Skirn
6 cks, Lo Curto & Funk, Antonia, London
254 bgs, 1,905 cks, Westernland, Antwerp
1,543 bgs, 1,600 cks, Westernland, Antwerp
CHILLIES—112 bgs, Bingham & Co, Sonnavind, Kobe
126 bgs, Magdapur, Port Sudan
960 bgs, Joensson Import Corp, Tacher, Kobe
CHINA CLAY—C B Chrystal & Co, Aurania, Liverpool
260 bgs, Whittaker, Clark & Daniels, Aurania, Liverpool
CHROME FERRO—270 cs, Mitsubishi Shoji Kaiska, Nako, Yokohama
METAL—50 dms, Dewas, Harris Co, American Traveler, Manchester
CLAY—600 bgs, W Manley, President Harding, Hamburg
BURNT—1,000 bgs, Guy C Foster, Aurania, Liverpool
CLOVES—400 bgs, French Line, New Orleans, Port Said
2,400 bgs, Norwegian American Line, Bergensfjord, Oslo
COALTAR INTERMEDIATES—1 dm, Sandoz Chem Works, Europa, Bremen
6 cks, Ciba Co, Europa, Bremen
14 cks, General Aniline Works, Hamburg, Hamburg
PRODUCT—16 cs, Hamburg, Hamburg
COBALT, METAL—24 cks, Central Trading Corp, Black Gull, Antwerp
60 cks, Black Gull, Antwerp
25 cks, Central Trading Corp, Westernland, Antwerp
OXIDE—70 cks, Central Trading Corp, Black Gull, Antwerp
COCOA BEANS—26 bgs, A A Lindo & Co, Quirigua, Pt Limon
250 bgs, Ayuruoca, Victoria
1,000 bgs, Rockwood & Co, Ayuruoca, Bahia
2,000 bgs, W R Grace & Co, Ayuruoca, Bahia
1,000 bgs, Wessel, Duval & Co, Ayuruoca, Bahia
3,000 bgs, W Bartholomew & Co, Ayuruoca, Bahia
3,000 bgs, Bloch & Co, Ayuruoca, Bahia
500 bgs, Ayuruoca, Bahia
929 bgs, Daniel Bacon, Cold Harbor, Manchester
95 bgs, Cold Harbor, Liverpool
3,250 bgs, W Bartholomew & Co, West Imboden, Bahia
500 bgs, Gillespie & Co, West Imboden, Bahia
1,500 bgs, Balfour, Guthrie & Co, West Imboden, Bahia
1,000 bgs, Wessel, Duval & Co, West Imboden, Bahia
638 bgs, Ockenfels, Lisbon
50 bgs, Ancon, Cristobol
850 bgs, Curacao Trading Co, Cottica, La Guaira
1,050 bgs, Middleton & Co, Cottica, Trinidad
68 bgs, N Y & P R S S Co, Borinquen, Trujillo
426 bgs, Wessel, Kulenkampf & Co, Borinquen, Trujillo
500 bgs, Nieschlag & Co, Arazone, Porto Cabello
500 bgs, Machado & Co, Ponce, Puerto Plata
500 bgs, Curacao Trading Co, Ponce, Puerto Plata
125 bgs, Porcella Vicini, Ponce, Puerto Plata
200 bgs, Royal Bank of Canada, Ponce, Puerto Plata
983 bgs, Gillespie & Co, Ponce, Sanchez
500 bgs, Wesel, Kulenkampf & Co, Ponce, Sanchez
1,000 bgs, Fruit Dispatch Co, Esparta, Havana
COCOA BEANS—750 bgs, W R Grace & Co, Northern Prince, Port Spain
300 bgs, Northern Prince, Port Spain
1,144 bgs, Balfour, Guthrie & Co, Calgary, Sapele
11,488 bgs, Balfour, Guthrie & Co, Calgary, Koko
6,791 bgs, W & A Leaman, Calgary, Warri
2,120 bgs, W & A Leaman, Calgary, Duala
3,617 bgs, Balfour, Guthrie & Co, Calgary, Lagos
6,788 bgs, W & A Leaman, Calgary, Accra
10,400 bgs, Balfour, Guthrie & Co, Calgary, Accra
4,800 bgs, Bank of Manhattan, Calgary, Accra
4,800 bgs, Barclay Bank, Calgary, Winnebah
2,400 bgs, Balfour, Guthrie & Co, Calgary, Saltpond
3,625 bgs, Bankers Trust Co, Calgary, Coast Castle
6,400 bgs, Bank of Manhattan, Calgary, Takoradi
4,344 bgs, Compagnie Franc de L'Afrique, Calgary, Takoradi
13,080 bgs, Compagnie Franc de L'Afrique, Calgary, Port Bouet
1,500 bgs, Superintendence Co, Calgary, Grand Lahou
1,500 bgs, Superintence Co, Calgary, Sarrandia
64 bgs, Meck & Co, Calgary, Curacao
2,000 bgs, Bartholomew & Co, Umberleigh, Bahia
500 bgs, Wessel, Kulenkampf & Co, Umberleigh, Bahia
COCONUTS — 300 bgs, 30,000 lbs, Standard Fruit S S Co, Atlantida, La Ceiba
1,500 bgs, 150,000 lbs, General Foods Corp, Musa, Porto Castilla
200 bgs, 20,000 lbs, Fruit Despatch Co, Musa, Porto Cortes
820 bgs, 82,000 lbs, I L Toledano Corp, Ancon, Cristobal
300 bgs, 30,000 lbs, Lundt & Co, Cottica, Georgetown
513 bgs, 51,300 lbs, Universal Import & Export Co, Pastores, Kingston
605 bgs, 60,500 lbs, J A Manton, Pastores, Kingston
1,670 bgs, 167,000 lbs, A N Leakway & Co, Pastores, Kingston
5,159 bgs, 515,900 lbs, General Foods Corp, Pastores, Kingston
1,280 bgs, 128,000 lbs, General Foods Corp, Manuela, San Juan
76 bgs, 7,600 lbs J De Cristina, Manuela, San Juan
1,187 bgs, 118,700 lbs, General Foods Corp, Northern Prince, Port Spain
COCONUT DESIC—865 cs, 335 cont, Wood & Selick, Muncaster Castle, Manila
739 cs, Balfour, Guthrie & Co, President Lincoln, Manila
CODLIVER MEAL—550 bgs, Consumers Import Co, Topdalsfjord, Stavanger
COLORS—1 cs, F L Kraemer & Co, Europa, Bremen
1 cs, E I duPont de Nemours & Co, Europa, Bremen
5 bbls, Hamburg, Hamburg
CADMIUM—9 bbls, Hamburg, Hamburg
EARTH—20 bbls, Standard Ultramarine Co, Black Gull, Antwerp
43 cks, Calco Chem Co, Hamburg, Hamburg
105 bbls, American Dyewood Co, Hamburg, Hamburg
64 cks, Reichard Coulston, Hamburg, Hamburg
COPAIBA BALSAM—5 cs, West Imboden, Para
COPRA, MEAL—4,000 bgs, Snow Brokerage Co, Steel Scientist, Manila
8,000 bgs, Otto Sales Co, Muncaster Castle, Manila
CORIANDER SEED—100 bgs, Greene Trading Co, American Shipper, London
CORK—35 bgs, Ockenfels, Lisbon
SHAVINGS—180 bls, Wicander & Co, Ockenfels, Lisbon
VIRGIN—770 bls, Armstrong Cork Co, Exchange, Lisbon
WOOD—271 bls, Andersen & Husum, Ockenfels, Lisbon
900 bls, Wicander & Co, Ockenfels, Lisbon
410 bls, Central Hanover Bank Trust Co, Ockenfels, Lisbon
195 bls, Exchange, Lisbon
500 bls, Wicander & Co, Exchange, Lisbon
COTTON LINTERS—825 bls, Ayuruoca, Santos
106 bls, Irving Trust Co, Umberleigh, Rio Janeiro
CRESOL—25 kgs, Monsanto Chem Co, American Traveler, Liverpool
25 kgs, Monsanto Chem Co, Aurania, Liverpool
CUBEBS—32 bgs, Muncaster Castle, Singapore
DEGRAS—81 dms, Barclay Chem Co, Nako, Yokohama
DERRIS ROOT—74 bls, Dodwell & Co, Muncaster Castle, Manila
26 bls, Dodwell & Co, President Lincoln, Manila
DRAGON'S BLOOD—27 cs, Bank of Manhattan, Muncaster Castle, Singapore
10 cs, Muncaster Castle, Singapore
DRUGS, CRUDE—31 cs, Central Hanover Bank Trust Co, American Merchant, London
32 pkgs, J L Hopkins & Co, Hamburg, Hamburg
DYES, ALIZARIN—10 cks, 4 cans, Europa, Bremen
ANILIN—19 cks, Geigy Co, Europa, Bremen
11 dms, Sandoz Chem Works, Europa, Bremen
112 cks, Ciba Co, Europa, Bremen
32 kgs, Carbic Color & Chem Co, Europa, Bremen
1 ck, 1 cs, Europa, Bremen
10 dms, Geigy Co, Aurania, Liverpool
2 cs, M J Corbett & Co, American Shipper, London
EGG YOLK, HEN—56 cs, Arnhold & Co, Nako, Tientsin
112 cs, D L Moss & Co, Sonnavind, Dairen
50 cs, Wood & Selick, Sonnavind, Dairen
56 cs, Consumers Import Co, Sonnavind, Dairen
56 cs, Bridges Neumer Co, Hokuriku, Kobe
112 cs, Henningsen Bros, President Lincoln, Kobe
FENNEL SEED—22 bgs, Ockenfels, Baghdad
FILTER COMPOUND—70 pkgs, P H Petry & Co, President Harding, Hamburg
PAPER—18 cs, H Reeve Angel & Co, Antonia, London
FLAXSEED—6,918 tons, 276,720 bus, Tureby, Rosario
1,980 tons, 79,200 bus, Archer, Daniels, Midland Co, Siredal, Vera Cruz
7,628,000 kilos, 305,120 bus, Archer, Daniels, Midland Co, Thode Fagelund, Buenos Aires
4,188 tons, 167,520 bus, E M Dalgas, Diamente
394 tons, 15,760 bus, E M Dalgas, Santa Fe
624 tons, 24,960 bus, L Dreyfus & Co, Northern Prince, Buenos Aires
FLAXSEED—2,083 tons, 4,582 bus, L Dreyfus & Co, Northern Prince, Buenos Aires
474 tons, 18,960 bus, Bunge North American Grain Co, Northern Prince, Buenos Aires
508 bgs, 1,117 bus, Bunge North American Grain Co, Northern Prince, Buenos Aires
FLEASEED—616 bgs, City of Rangoon, Colombo
FLINT, CRUSHED—270 bgs, D C Andrews & Co, American Shipper, London
FULLER'S EARTH—3 cs, Titan Shipping Co, American Shipper, London
300 bgs, L A Salomon & Bros, Antonia, London
GAMBIER—109 cs, L Littlejohn & Co, Muncaster Castle, Singapore
GELATIN—91 cs, Dingelstedt & Co, Hamburg, Hamburg
POWDERED—170 bgs, T M Duche & Sons, Westernland, Antwerp
SHEETS—81 pkgs, International Selling Corp, Westernland, Antwerp
GINGER ROOT—29 bgs, O Gerdau & Co, Pastores, Kingston
22 bgs, Lo Curto & Funk, Pastores, Kingston
75 bgs, J A Manton, Pastores, Kingston
112 bgs, Mincing Trading Corp, Pastores, Kingston
112 bgs, Calamares, Kingston
GLASS, PLATE—25 cs, S A Bendheim, President Harding, Hamburg
11 cs, Ford Motor Co, Black Gull, Antwerp
22 cs, Pittsburgh Plate Glass Co, Black Gull, Antwerp
2 cs, Semon, Bache & Co, Black Gull, Antwerp
12 cs, L Solomon & Son, Black Gull, Antwerp
4 cs, Semon, Bache & Co, Black Gull, Antwerp
152 cs, Globe Shipping Co, Hamburg, Hamburg
40 cs, Westernland, Antwerp
SHEET—38 cs, Ford Motor Co, Black Gull, Antwerp
5 cs, Ford Motor Co, Europa, Bremen
WINDOW—7 cs, Semon, Bache & Co, President Harding, Hamburg
9,240 cs, Vitrea Co, President Harding, Hamburg
150 cs, S G Cole, Black Gull, Antwerp
55 cs, Semon, Bache & Co, Black Gull, Antwerp
1,000 cs, Public National Bank, Westernland, Antwerp
6,474 cs, Vitrea Co, Westernland, Antwerp
501 cs, National City Bank, Westernland, Antwerp
GLUE—50 bgs, Gallagher & Ascher, Aurania, Liverpool
MARINE—9 dms, L W Ferdinand & Co, American Shipper, London
GLUESTOCK—1,000 bgs, Exchange, Genoa
GLYCERIN — 45 dms, East Indian, Buenos Aires
58 dms, Ayuruoca, Paranagua
30 dms, Northern Prince, Buenos Aires
GRAPHITE—972 bgs, Asbury Graphite Mills, New Orleans, Colombo
300 bgs, J Dixon Crucible Co, Magdapur, Colombo
572 bgs, J F Starkey & Co, Magdapur, Colombo
GREASE, WOOL—100 bbls, 41 dms, Robinson-Wagner Co, American Traveler, Manchester
15 dms, American Traveler, Manchester
25 dms, American Traveler, Manchester
27 dms, C Tennant Sons & Co, American Traveler, Liverpool
17 bbls, 60 cks, 10 cs, 7 dms, Pfaltz & Bauer, President Harding, Hamburg
30 bbls, 50 dms, Robinson-Wagner Co, Aurania, Liverpool
GUM, ARABIC—250 bgs, T M Duche & Sons, Hamburg, Hamburg
150 bgs, Innis, Speiden & Co, Hamburg, Hamburg
150 bgs, McKesson & Robbins, Hamburg, Hamburg
250 bgs, McKesson & Robbins, Magdapur, Port Sudan
250 bgs, Thurston & Braidich, Magdapur, Port Sudan
BENZOIN—75 cs, Modjo Kerto, Sibolga
CHICLE—4,224 pkgs, Mexican Exploitation Co, Cauto, Cozumel
COPAL—181 bskts, Chase National Bank, Modjo Kerto, Macassar
73 bskts, Modjo Kerto, Macassar
2 bskts, Sino Java Handel, Modjo Kerto, Macassar
127 bskts, New York Trust Co, Modjo Kerto, Macassar
638 bskts, O G Innes Corp, Modjo Kerto Macassar
327 bskts, L N Jackson & Co, Modjo Kerto, Tonnin Bay
39 bls, W H Scheel, President Lincoln, Manila
400 bgs, Hanson & Orth, President Lincoln, Manila
67 bskts, Stroock & Wittenberg, President Lincoln, Manila
50 bskts, A Hurst & Co, President Lincoln, Manila
DAMMAR—100 cs, O G Innes Corp, Steel Scientist, Batavia
100 bgs, S Winterbourne & Co, Steel Scientist, Batavia
200 bgs, Thurston & Braidich, Steel Scientist, Batavia
50 cs, 320 bgs, S Winterbourne & Co, Steel Scientist, Singapore
20 cs, Franklin Import & Export Co, Hamburg, Hamburg
490 bgs, O G Innes Corp, Muncaster Castle, Singapore
50 cs, Stroock & Wittenberg, Muncaster Castle, Singapore
100 cs, Muncaster Castle, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, Muncaster Castle, Singapore
70 bgs, G W S Patterson & Co, Muncaster Castle, Singapore
200 cs, Manufacturers Trust Co, Modjo Kerto, Batavia
10 cs, Modjo Kerto, Sibolga
ELEMI—135 cs, W H Scheel, President Lincoln, Manila
135 cs, A Hurst & Co, President Lincoln, Manila
KARAYA—398 bgs, Hamburg, Hamburg
131 bgs, Frank Vliet Co, Hamburg, Hamburg
450 bgs, City of Rangoon, Colombo
LOCUST BEANS—30 bgs, Aurania, Liverpool
PERILLA—10 bgs, Chicle Development Co, Ancon, Cristobal
59 bgs, Chicle Development Co, Pastores, Porto Colombia
TRAGACANTH—8 bgs, American Merchant, London
157 bgs, E Meer & Co, Ockenfels, Kharramshahr
80 bgs, Paul A Dunkel & Co, Antonia, London
112 cs, P H Petry & Co, Antonia, London
64 bgs, Antonia, London

HENNA LEAVES—78 bgs, New Orlans, Port Said
HERBS, MEDICINAL—45 bls, 12 bgs, Hamburg, Hamburg
HOPS—30 bls, P H Petry & Co, American Merchant, London
7 bls, Minnequa, Gdynia
69 bls, Atlantic Forwarding Co, Hamburg, Hamburg
289 cs, S S Steiner, Hamburg, Hamburg
31 bls, American Express Co, Hamburg, Hamburg
10 bls, P H Petry & Co, Hamburg, Hamburg
11 cs, J Barth & Son, Hamburg, Hamburg
5 bls, Globe Shipping Co, Hamburg, Hamburg
5 bls, Freedman & Slater, Hamburg, Hamburg
50 bls, S S Steiner, Westernland, Antwerp
ILMENITE SAND—2,400 tons, New Orleans, Colombo
IRISH MOSS—30 bls, President Harding, Havre
IRON ORE—48 dms, 90 bgs, Reichard, Coulston, American Traveler, Liverpool
OXIDE—20 cks, C J Osborn & Co, American Merchant, London
26 cks, J A McNulty, American Traveler, Manchester
20 cks, C J Osborn & Co, American Traveler, Liverpool
ISINGLASS—5 bls, Brown Bros, Harriman Co, Hokuroku, Yokohama
10 cs, C H Reisig, American Shipper, London
JUNIPER BERRIES—100 bgs, Exchange, Leghorn
KAMALA—11 bgs, Hamburg, Hamburg
LEAVES, MEDICINAL—3 bls, American Merchant, London
3 bls, American Shipper, London
LEMON PEEL—100 bls, J L Hopkins & Co, Exchange, Catania
40 bls, R J Gates, Exchange, Catania
LOCUST BEAN MEAL—100 bgs, American Traveler, Liverpool
MACE—32 cs, Knickerbocker Mills Co, Modjo Kerto, Macassar
22 cs, Catz American Co, Modjo Kerto, Macassar
50 cs, H H Olds & Co, Modjo Kerto, Padang
MAGNESIA, CALCINED—140 cs, Schofield, Donald Co, American Traveler, Liverpool
20 cs, Schofield, Donald Co, Aurania, Liverpool
CARBONATE—75 cs, McKesson & Robbins, American Traveler, Liverpool
50 cks, 10 cs, Schofield, Donald Co, American Traveler, Liverpool
100 cs, Schofield, Donald Co, Aurania, Liverpool
20 cs, Lo Curto & Funk, Exchange, Genoa
HYDRATE—40 cs, Schofield, Donald Co, Exchange, Genoa
MANGANESE HYDRATE—2 cks, Aurania, Liverpool
MANIOC MEAL—200 bgs, Ayuruoca, Rio de Janeiro
MATCHES, SAFETY—4,300 conts, New York Match Co, Bergensfjord, Oslo
1 cartoon, Atlantic & Pacific Tea Co, Topdalsfjord, Oslo
MATICO LEAVES—15 bls, Hamburg, Hamburg
MEDICINAL PREPS—9 cs, Burroughs, Wellcome & Co, American Shipper, London
MENTHOL — 50 cs, Norda Essential Oil & Chem Co, Sonnavind, Kobe
10 cs, C Fischbeck Co, Sonnavind, Kobe
10 cs, Ungerer & Co, Sonnavind, Kobe
50 cs, Bridges, Neumer & Co, Hokuroku, Kobe
25 cs, Orbis Product Corp, Hokuroku, Kobe
17 cs, New York Quinine & Chem Works, Antonia, London
MICA—34 cs, American Merchant, London
19 cs, City of Rangoon, Calcutta
50 cs, National City Bank, American Shipper, London
45 cs, Ford Radio & Mica Corp, American Shipper, London
252 cs, American Shipper, London
38 cs, First National Bank, Boston, Northern Prince, Rio de Janeiro
BLOCK—10 cs, Globe Shipping Co, New Orleans, Calcutta
14 cs, E J Cornelis, New Orleans, Calcutta
19 cs, Philadelphia National Bank, New Orleans, Calcutta
12 cs, Gillespie-Rogers-Pyatt Co, New Orleans, Calcutta
10 cs, Norwegian-American Line, Bergensfjord, Oslo
10 cs, City of Rangoon, Calcutta
50 cs, Magdapur, Calcutta
DISCS—1 cs, Philadelphia National Bank, New Orleans, Calcutta
1 cs, Gillespie-Rogers-Pyatt Co, New Orleans, Calcutta
FILM—6 cs, Wallace Bros, City of Rangoon, Calcutta
22 cs, City of Rangoon, Calcutta
PLATE—21 cs, City of Rangoon, Calcutta
SPLITTINGS—19 cs, General Electric Co, American Merchant, London
55 cs, Gillespie-Rogers-Pyatt Co, New Orleans, Calcutta
275 cs, Norwegian-American Line, Bergensfjord, Oslo
120 cs, Brown Bros-Harriman Co, City of Rangoon, Calcutta
200 cs, General Electric Co, City of Rangoon, Calcutta

MICA SPLITTINGS—10 cs, City of Rangoon, Calcutta
41 cs, General Electric Co, Magdapur, Calcutta
MINERALS—726 bgs, Bank of London-South America, Northern Prince, Buenos Aires
MOWRAH MEAL—224 bgs, Manahan Chem Co, Black Gull, Antwerp
MUSTARD SEED — 150 bgs, I Harrison & Whitney, President Harding, Hamburg
168 bgs, Frank Tea & Spice Co, Bordeaux, Kobe
NAPHTHALENE—448 bgs, Black Diamond S S Corp, Black Gull, Antwerp
NICOTINE INSECTICIDE—2 cs, Copex Co, American Merchant, London
NUTGALLS—420 bgs, Bingham & Co, Bordeaux, Shanghai
NUTMEGS—80 cs, Modjo Kerto, Macassar
200 bgs, Continental Bank & Trust Co, Modjo Kerto, Padang
NUX VOMICA—2,486 pkgs, Mitsui & Co, Hokuroku, Kobe
1,000 pkgs, Volkart Bros, City of Rangoon, Calcutta
270 bgs, Barber S S Line, American Shipper, London
OIL, ALMOND—10 cs, American Merchant, London
29 cs, Ungerer & Co, Antonia, London
5 cs, Dodge & Olcott Co, Antonia, London
ANISE—15 dms, Ungerer & Co, Nako, Hongkong
10 dms, Orbis Product Corp, Nako, Hongkong
5 dms, McKesson & Robbins, Nako, Hongkong
5 dms, Dodge & Olcott Co, Nako, Hongkong
5 dms, W J Bush & Co, Nako, Hongkong
5 dms, McKesson & Robbins, President Lincoln, Hongkong
BERGAMOT—5 dms, 10 qtr cs, Dodge & Olcott Co, Exchange, Messina
17 cs, Geo Lueders & Co, Exchange, Messina
368 qtr cs, 21 half cs, Lo Curto & Funk, Exchange, Messina
CAJEPUT—8 dms, Modjo Kerto, Manila
CAMPHOR—73 dms, Nako, Yokohama
6 dms, Takamine Corp, Nako, Yokohama
15 dms, Fritzsche Bros, Nako, Yokohama
5 dms, Norda Essential Oil & Chem Co, Nako, Yokohama
3 dms, Givaudan-Delawarina, Nako, Yokohama
CASSIA — 20 dms, Fritzsche Bros, Nako, Hongkong
5 dms, Ungerer & Co, Nako, Hongkong
CHINAWOOD — 60 dms, Gillespie-Rogers-Pyatt Co, Nako, Hongkong
300 tons, Mitsui & Co, Nako, Shanghai
340 tons, Spencer Kellogg & Sons, Nako, Shanghai
50 dms, Pacific Vegetable Oil Co, Sonnavind, Shanghai
200 tons, Mitsui & Co, Hokuroku, Hankow
300 dms, Pacific Vegetable Oil Co, Bordeaux, Shanghai
275 tons, S L Jones & Co, President Lincoln, Hongkong
CINNAMON LEAF—7 dms, R C Treatt & Co, American Shipper, London
3 dms, Eric Coupey, Magdapur, Colombo
CITRONELLA—10 dms, Dodge & Olcott Co, New Orleans, Colombo
22 dms, New Orleans, Colombo
4 dms, Catz American Co, Steel Scientist, Batavia
10 dms, National City Bank, Steel Scientist, Batavia
4 dms, Steel Scientist, Batavia
33 dms, City of Rangoon, Colombo
COCONUT—678 tons, Philippine Refg Corp, Steel Scientist, Cebu
280 tons, Philippine Refg Co, President Lincoln, Manila
COD—650 dms, 300 cks, E M Javitz Co, Bergensfjord, Bergen
150 dms, E M Javitz Co, Topdalsfjord, Aalesund
300 cks, Topdalsfjord, Bergen
CODLIVER—70 dms, Kachurin Drug Co, President Harding, Hamburg
100 dms, Bergensfjord, Bergen
50 bbls, 70 dms, C L Huisking & Co, Bergersfjord, Bergen
80 dms, McKesson & Robbins, Bergensfjord, Bergen
10 dms, Bergensfjord, Reykjavik
30 dms, P R Dreyer, Bergensfjord, Aalesund
75 cs, Schieffelin & Co, Topdalsfjord, Oslo
65 dms, C L Huisking & Co, Topdalsfjord, Aalesund
100 dms, P R Dreyer, Topdasfjord, Aalesund
25 dms, Davis & Lawrence Co, Topdalsfjord, Aalesund
125 dms, R J Prentiss & Co, Topdalsfjord, Bergen
171 dms, Topdasfjord, Reykjavik
CORN—101 dms, N C Littauer, Black Gull, Antwerp
330 dms, Corn Product Refg Co, Cameronia, Glasgow
80 dms, Aurania, Liverpool
282 dms, Antonia, London
768 dms, Westernland, Antwerp
COTTONSEED—2,100 dms, Ayuruoca, Santos
380 dms, Pacific Vegetable Oil Co, Sonnavind, Kobe
250 dms, Pacific Vegetable Oil Co, Bordeaux, Kobe
quantity, West Texas Cotton Oil Co, Northern Prince, Santos
438 dms, Umberleigh, Rio de Janeiro
ESSENTIAL—11 cs, American Merchant, London
15 dms, Musa, Porto Barrios
8 cs, Europa, Bremen
12 cs, 1 ck, Hamburg, Hamburg
4 cs, American Shipper, London
15 cs, Antonia, London
FISH—21 dms, S Emy, Nako, Yokohama
22 dms, S Emy, Bordeaux, Kobe
FUEL—84,000 bbls, Standard Oil Co of N J, Phoebus, Aruba
67,080 bbls, Standard Oil Co of N J, Teddy, Aruba
98,000 bbls, Standard Oil Co of N J, Beacon, Aruba
2,930,004 gls, Standard Oil Co of N J, Vinga, Porto Mexico
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
53,044 bbls, Asiatic Petroleum Corp, San Quirino, Porto Mexico
106,000 bbls, Standard Oil Co of N J, J H Senior, Aruba

OIL, GERANIUM—1 dm, Yardley & Co, American Merchant, London
HALIBUT LIVER—1 cs, American Merchant, London
LEMON—5 dms, Dodge & Olcott Co, Exchange, Messina
202 cs, Lo Curto & Funk, Exchange, Messina
LIME—1 dm, Yardley & Co, American Merchant, London
LUBRICATING—25 dms, M W Parsons, Black Gull, Antwerp
80 dms, Black Gull, Antwerp
100 dms, Webbal Service Co, Black Gull, Antwerp
MANDARIN—24 qtr cs, Dodge & Olcott Co, Exchange, Messina
MINERAL—20 dms, Heemsoth, Kerner Corp, Hamburg, Hamburg
125 dms, Hamburg, Hamburg
MUSTARD—500 dms, Balfour, Guthrie & Co, Nako, Moji
OLIVE—677 dms, Banca Comi Italian Trust Co, President Harding, Hamburg
250 dms, Hamburg, Hamburg
30 cs, Berengaria, Southampton
1,120 cs, Exchange, Genoa
50 dms, Agash Refining Corp, Exchange, Genoa
50 dms, Lekas & Drivas, Exchange, Genoa
200 dms, Schroeder Bros, Exchange, Genoa
200 dms, Strohmeyer & Arpe Co, Exchange, Genoa
825 cs, Exchange, Leghorn
162 cs, Exchange, Palermo
OLIVE SULPHUR—100 bbls, E M Sergeant Pulp & Chem Co, Exchange, Lisbon
ORANGE—40 cs, Magnus, Mabee & Reynard, Calamares, Kingston
2 cs, Dodge & Olcott Co, Calamares, Kingston
20 cs, Calamares, Kingston
17 dms, Cie F A O, Calgary, Freetown
50 half cs, Dodge & Olcott Co, Exchange, Messina
1 cs, Lo Curto & Funk, Exchange, Messina
PALM—681,000 kilos, Banque Belge, Muncaster Castle, Belawan Deli
1,036 tons, Guaranty Trust Co, Modjo Kerto, Belawan
509 tons, Van Leeuwen B, Modjo Kerto, Belawan
516 tons, Modjo Kerto, Belawan
103 dms, Aurania, Liverpool
48 dms, Balfour, Guthrie & Co, Calgary, Takorandi
PEANUT—651 tons, Mitsubishi Shoji Kaisha, Nako, Tsingtao
670 tons, Swift & Co, Sonnavind, Tsingtao
52 tons, Procter & Gamble, Sonnavind, Tsingtao
PERILLA—230 tons, Nisshin Oil Mills, Hokuroku, Dairen
330 tons, Bank of California, Hokuroku, Dairen
RESIDUE—30 dms, Hamburg, Hamburg
RICE—100 dms, W R Grace & Co, Bordeaux, Kobe
ROSEWOOD—1 dm, Yardley & Co, American Merchant, London
SASSAFRAS—23 dms, McKesson & Robbins, Hokuroku, Kobe
SESAME—25 dms, N C Littauer, President Harding, Hamburg
SPERM—80 dms, Cameronia, Glasgow
SOYBEAN—1 car, Seatrain New Orleans, Havana
TEASEED—80 dms, Chase National Bank, Hokuroku, Hankow
25 dms, Bank of London South America, Hokuroku, Hankow
100 dms, Mitsubishi Shoji Kaisha, Hokuroku, Hankow
200 dms, Mitsui & Co, Hokuroku, Hankow
150 dms, Bordeaux, Shanghai
150 dms, Paul A Dunkel & Co, Bordeaux, Shanghai
50 dms, W R Grace & Co, President Lincoln, Hongkong
100 dms, President Lincoln, Hongkong
300 dms, President Lincoln, Hongkong
100 dms, Paul A Dunkel & Co, Nako, Shanghai
100 dms, W R Grace & Co, Nako, Shanghai
112 dms, Bunge North American Grain Co, Sonnavind, Shanghai
196 dms, E M Sergeant Pulp & Chem Co, Sonnavind, Shanghai
170 dms, American Cyanamid & Chem Co, Sonnavind, Shanghai
100 dms, Arnhold & Co, Hokuroku, Shanghai
200 dms, Mitsui & Co, Hokuroku, Shanghai
WHALE—37,022 bbls, Procter & Gamble, Norvinn, Antarctic
OILCAKE, MEAL—1,000 bgs, Mitsubishi Trading Co, Nako, Moji
3,500 bgs, Mitsubishi Trading Co, Nako, Osaka
20,000 bgs, Mitsui & Co, Bordeaux, Kobe
OPIUM—14 cs, New York Quinine & Chem Works, American Shipper, London
4 cs, Sharp & Dohme, Berengaria, Southampton
101 cs, Merck & Co, Antonia, London
ORANGE PEEL—40 bls, R J Gates, Exchange, Catania
ORRISROOT—134 bgs, Charles Mathieu, Exchange, Leghorn
131 bgs, S B Penick & Co, Exchange, Leghorn
PAPRIKA—25 bgs, J Raphael & Son, President Harding, Hamburg
25 bgs, President Harding, Hamburg
75 bgs, Durkee Famous Food, Hamburg, Hamburg
75 bgs, 10 cs, Hamburg, Hamburg
70 bgs, 10 cs, E E Marks & Co, Hamburg, Hamburg
115 bgs, P H Petry & Co, Hamburg, Hamburg
15 bgs, 45 cs, H Schoenfeld & Son, Hamburg, Hamburg
PARA FORMALDEHYDE, POWD—54 dms, 3 tons, 2 cwt, 22 lbs, Aurania, Liverpool
PARAFFIN—3,200 bgs, Asiatic Petroleum Corp, Modjo Kerto, Balik Papan
PATCHOULI LEAVES—78 bls, Volkart Bros, Steel Scientist, Singapore
217 bls, Steel Scientist, Singapore
PEATMOSS—1,300 bls, 400 hlf bls, President Harding, Hamburg
3,020 bls, Premier Peatmoss Corp, Black Gull, Antwerp
250 bls, Premier Peatmoss Corp, Minnequa, Copenhagen
1,000 bls, Hamburg, Hamburg
PEPPER, BLACK—84 bgs, Steel Scientist, Singapore
1,640 bgs, Irving Trust Co, Modjo Kerto Oosthaven
5,325 bgs, Modjo Kerto, Oosthaven
225 bgs, Modjo Kerto, Oosthaven
WHITE—140 bgs, Irving Trust Co, Steel Scientist, Singapore
210 bgs, Steel Scientist, Singapore
210 bgs, C T Wilson & Co, Steel Scientist, Singapore
81 bgs, Coml Natl Bank, Muncaster Castle, Batavia
252 bgs, Modjo Kerto, Pangkalpinang
PHOSPHATE, PRECIP—250 bgs, H J Baker & Bros, Westernland, Antwerp
PLASTER—60 bgs, W H Davis, American Traveler, Manchester
POPPYSEED—150 bgs, Levy & Levis, President Harding, Hamburg
100 bgs, Habicht Braun & Co, Minnequa, Gdynia
100 bgs, Jaburg Bros, Minnequa, Gdynia
260 bgs, C M Van Sillevoldt, Minnequa, Gdynia

POPPYSEED—200 bgs, Levy & Levis Co, Minnequa, Gdynia
400 bgs, M Witsenburg, Minnequa, Gdynia
200 bgs, A G Dunn, Minnequa, Gdynia
100 bgs, Biddle Purchasing Co, Minnequa, Gdynia
100 bgs, A Feldman, Minnequa, Gdynia
200 bgs, Hamburg, Hamburg
POTASH, CHLORATE—1,106 cks, 400 dms, Uniform Chem Prod Co, Hamburg, Hamburg
MURIATE—200 bgs, N V Potash Export My, Westernland, Antwerp
SULPHATE—30 bbls, N V Potash Export My, Hamburg, Hamburg
PUMICE, ARTIF—15 cs, C B Chrystal & Co, Hamburg, Hamburg
PYRETHRUM FLOWERS—125 bls, J Powell & Co, Sonnavind, Kobe
125 bls, McKesson & Robbins, Hokuroku, Kobe
250 bls, J Powell & Co, Bordeaux, Kobe
125 bls, Kachurin Drug Co, Bordeaux, Kobe
QUEBRACHO EXTRACT—12,763 bgs, Tannin Corp, East Indian, Buenos Aires
1,575 bgs, International Product Corp, Northern Prince, Buenos Aires
QUICKSILVER—112 flasks, Chase Nat'l Bank, Canton, Tampico
590 flasks, Exchange, Leghorn
RAPESEED—375 bgs, S L Jones & Co, Hokuroku, Tokyo
448 bgs, Northern Prince, Buenos Aires
RHUBARB—24 cs, Peek & Velsor, Sonnavind, Shanghai
12 cs, R J Prentiss & Co, Bordeaux, Shanghai
ROOT MEDICINAL—8 bls, Sino Java Handel, Yucatan, Vera Cruz
20 bgs, 25 bls, Hamburg, Hamburg
SAGO FLOUR—372 bgs, Stein, Hall & Co, Steel Scientist, Singapore
713 bgs, Stein, Hall & Co, Muncaster Castle, Singapore
143 bge, Muncaster Castle, Singapore
SARDINE MEAL—1,000 bgs, Ashcraft, Wilkinson Co, Nako, Yokohama
2,000 bgs, Mitsubishi, Shoji, Kaisha, Bordeaux, Kobe
SARSAPARILLA ROOT—20 bls, Cauto, Tampico
SCHEELITE ORE—1,779 bgs, Steel Scientist, Singapore
SENNA LEAVES—25 bls, S B Penick & Co, City of Rangoon, Colombo
50 bls, City of Rangoon, Colombo
10 bls, Barber S. S. Line, American Shipper, London
SESAME SEED—56 bgs, Levy & Levis Co, Nako, Hongkong
80 bgs, Nelson V Loring, President Lincoln, Hongkong
SHELLAC—50 bgs, Anniston City, Calcutta
365 bgs, Wm Zinsser & Co, New Orleans, Calcutta
400 bgs, E E Androvette, Anniston City, Calcutta
100 bgs E J Cornelis, Anniston City, Calcutta
15 cs, 25 bgs, A Hurst & Co, Hamburg, Hamburg
300 bgs, France, Campbell & Darling, City of Rangoon, Calcutta
300 bgs, A Hurst & Co, City of Rangoon, Calcutta
150 bgs, Argenti & Co, City of Rangoon, Calcutta
100 bgs, Bank of London, South America, City of Rangoon, Calcutta
25 bgs, Wm Zinsser & Co, City of Rangoon, Calcutta
100 bgs, Philadelphia Nat'l Bank, City of Rangoon, Calcutta
100 bgs, E E Androvette, City of Rangoon, Calcutta
60 cs, Alfred Kramer & Co, City of Rangoon, Calcutta
100 bgs, 25 cs, City of Rangoon, Calcutta
695 bgs, Wm Zinsser & Co, Magdapur, Calcutta
100 cs, E E Androvette, Magdapur, Calcutta
200 bgs, National City Bank, Magdapur, Calcutta
100 bgs, Guaranty Trust Co, Magdapur, Calcutta
300 bgs, Alfred Kramer & Co, Magdapur, Calcutta
100 bgs, Magdapur, Calcutta
GARNET LAC—130 bgs, Wm Zinsser & Co, Magdapur, Calcutta
SEEDLAC—50 bgs, Wm Zinsser & Co, New Orleans, Calcutta
1,150 bgs, Schwab Bros, Anniston City, Calcutta
850 bgs, Wm Zinsser & Co, Anniston City, Calcutta
700 bgs, E J Cornelis, Anniston City, Calcutta
275 bgs, Argenti & Co, City of Rangoon, Calcutta
200 bgs, E E Androvette, City of Rangoon, Calcutta
400 bgs, Wm Zinsser & Co, City of Rangoon, Calcutta
200 bgs, Mantrose Corp, City of Rangoon, Calcutta
400 bgs, Guaranty Trust Co, City of Rangoon, Calcutta
100 bgs, Bank of London South America, City of Rangoon, Calcutta
250 bgs, Philadelphia National Bank, City of Rangoon, Calcutta
1,000 bgs, Alfred Kramer & Co, City of Rangoon, Calcutta
100 bgs, E E Androvette, Magdapur, Calcutta
100 bgs, Chase National Bank, Magdapur, Calcutta
200 bgs, Bank of London South America, Magdapur, Calcutta
200 bgs, Philadelphia National Bank, Magdapur, Calcutta
750 bgs, Brown Bros-Harriman Co, Magdapur, Calcutta
100 bgs, Alfred Kramer & Co, Magdapur, Calcutta
700 bgs, Magdapur, Calcutta
SIENNA—150 bgs, Reichard-Coulston, Exchange, Leghorn
80 cks, Exchange, Leghorn
SILICIOUS EARTH—285 bgs, Chaplain & Bibbo, President Harding, Hamburg
SILICON CARBIDE—400 bgs, D C Andrews & Co, Bergensfjord, Menstad
SOAP—6 cs, Titan Shipping Co, American Merchant, London
CLEANING—15 dms, Innis, Speiden & Co, American Merchant, London
MILLINGS—11 cs, Yardley & Co, American Merchant, London
75 cs, Yardley & Co, American Shipper, London
SADDLE—4 cs, Colt Cromwell Co, American Shipper, London
TOILET—7 cs, Titan Shipping Co, American Shipper, London
SODA, BICARBONATE—912 bgs, Thompson, Haywood Chemical Co, Nako, Moji
HYDROSULPHITE—70 dms, Hamburg, Hamburg
PRUSSIATE—277 cs, C Hardy, Nako, Yokohama
SILICOFLUORIDE—200 bgs, 26 dms, Hamburg, Hamburg
155 bgs, Hummel Chemical Co, Exchange, Leghorn
URANATE—25 cs, 150 bbls, Central Trading Corp, Westernland, Antwerp
SOOT—112 bgs, American Shipper, London

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SOYBEAN MEAL—4,700 bgs, Mitsui & Co, Nako, Dairen
2,000 bgs, Balfour, Guthrie & Co, Nako, Dairen
2,000 bgs, Mitsubishi Shoji Kaisha, Sonnavind, Dairen
1,000 bgs, Mitsui & Co, Hokuroku, Dairen
SPONGES—3 bls, American Express Co, Scanmail, Nassau
20 bls, Oriente, Havana
SQUILL—40 bgs, R J Gates, Exchange, Catania
STARCH, POTATO — 100 bgs, Heemsoth-Kerner Corp, President Harding, Hamburg
SULPHUR, LAC—5 cks, Lo Curto & Funk, Aurania, Liverpool
PRECIPITATED—25 cks, Lo Curto & Funk, Aurania, Liverpool
SUMAC—210 bgs, 33,495 lbs, E E Androvette, Exchange, Palermo
250 bgs, Exchange, Palermo
TALC—161 bgs, Bergensfjord, Bergen
500 bgs, Whittaker, Clark & Daniels, Bordeaux, Kobe
300 bgs, Bordeaux, Kobe
600 bgs, Charles Mathieu, Exchange, Genoa
500 bgs, Charles Mathieu, Exchange, Leghorn
TALLOW, VEGETABLE — 462 pkgs, W R Grace & Co, Bordeaux, Shanghai
2 pkgs, American Cyanamid & Chem Co, Bordeaux, Shanghai
TANKAGE—1,500 bgs, East Indian, Buenos Aires
1,120 bgs, West Imboden, Santos
2,032 bgs, Chase National Bank, Northern Prince, Montevideo
2,000 bgs, Northern Prince, Buenos Aires
TAPIOCA FLOUR—276 bgs, Java American Export Co, Steel Scientist, Sourabaya
1,000 bgs, H P Winter & Co, Steel Scientist, Batavia
1,750 bgs, Stein, Hall & Co, Steel Scientist, Batavia
1,000 bgs, Rutger-Bleecker Co, Steel Scientist, Cheribon
3,237 bgs Stein, Hall & Co, Steel Scientist, Cheribon
2,205 bgs, National Adhesive Corp, Muncaster Castle, Pasoeroean
264 bgs, Java American Export Co, Muncaster Castle, Cheribon
1,499 bgs, Stein, Hall & Co, Muncaster Castle, Cheribon
264 bgs, Chase National Bank, Muncaster Castle, Cheribon
401 bgs, Balfour, Guthrie & Co, Muncaster Castle, Pamanoekan
250 bgs, Muncaster Castle, Batavia
505 bgs, National Adhesive Corp, Muncaster Castle, Batavia
7,264 bgs, Stein, Hall & Co, Muncaster Castle, Batavia
264 bgs, Java American Export Co, Modjo Kerto, Pasoeroean
276 bgs, New York Trust Co, Modjo Kerto, Pasoeroean
276 bgs, New York Trust Co, Modjo Kerto, Pasoeroean
552 bgs, Morningstar-Nicol, Modjo Kerto, Pasoeroean
654 bgs, Chase National Bank, Modjo Kerto, Pasoerean
14,296 bgs, Stein, Hall & Co, Modjo Kerto, Sourabaya
548 bgs, National City Bank, Modjo Kerto, Batavia
140 bgs, H P Winter & Co, Modjo Kerto, Batavia
SEED—517 bgs, Stein, Hall & Co, Modjo Kerto, Sourabaya
TARTAR—10 bgs, Aurania, Liverpool
483 bgs, Tartar Chem Works, Exchange, Naples
574 bgs, Charles Pfizer & Co, Exchange, Naples
272 bgs, Exchange, Naples
271 bgs, Charles Pfizer & Co, Exchange, Messina
TIMPO POWD—200 cs, Brown Bros, Harriman Co, West Imboden, Para
227 cs, West Imboden, Para
TUBA ROOT—10 bls, Steel Scientist, Singapore
TUNGSTEN ORE—4,000 bgs, Wah Chang Trading Corp, Nako, Hongkong
2,240 bgs, Wah Chang Trading Corp, Nako, Shanghai
URANIUM OXIDE—48 bbls, Central Trading Corp, Westernland, Antwerp
UREA—500 bgs, Synthetic Nitrogen Product Corp, Westernland, Antwerp
VANILLA BEANS—10 cs, M Cortizas Co, Yucatan, Vera Cruz
94 cs, French Line, New Orleans, Port Said
WATER, MINERAL—100 ctns, Westergaard, Berg, Johnson, Bergenefjord, Menstad
WAX, ANIMAL—50 pkgs, Orbis Product Corp, Antonia, London
BEES—6 bgs, Yardley & Co, American Merchant, London
80 bgs, D Steengrafe, Ayuruoca, Paranagua
160 bgs, Smith & Nichols, Ayuruoca, Paranagua
240 bgs, D Steengrafe, Ayuruoca, Santos
2 bgs, Brown Bros-Harriman Co, Ayuruoca, Rio de Janeiro
165 bgs, Ayuruoca, Rio de Janeiro
21 bgs, M Argueso, Cauto, Tampico
3 bgs, Cauto, Tampico
315 pkgs, Ockenfels, Lisbon
2 bgs, D Steengrafe, Manuela, San Juan
23 bgs, Olavarria & Co, Oriente, Havana
5 seroons, Porcella Vicini & Co, Ponce, Puerto Plata
16 bgs, Will-Baumer Candle Co, Northern Prince, Santos
160 bgs, D Steengrafe, Northern Prince, Santos
80 bgs, Leghorn Trading Co, Northern Prince, Santos
72 bgs, D Steengrafe, Umberleigh, Rio de Janeiro
235 bgs, Umberleigh, Rio de Janeiro
CANDELILLA—65 bgs, D A Zorrillo, Cauto, Tampico
421 bgs, M Argueso, Cauto, Tampico
CARNAUBA—143 bgs, Strahl & Pitsch, West Imboden, Bahia
23 bgs, Strahl & Pitsch, West Imboden, Pernambuco
34 bgs, Innis, Speiden & Co, West Imboden, Pernambuco
84 bgs, Chase National Bank, Umberleigh, Bahia
MONTAN—1,185 bgs, Strohmeyer & Arpe Co, Hamburg
OZOKERITE—31 bgs, Heemsoth-Kerner Corp, Hamburg, Hamburg
SPERMACETTI—100 cs, Cameronia, Glasgow
40 cs, Robinson-Wagner Co, Bordeaux, Yokohama
VEGETABLE—200 cs, Paul A Dunkel & Co, Nako, Moji
60 bgs, A Hurst & Co, Cameronia, Glasgow
50 bgs, Wessel, Duval & Co, Ancon, Cristobal
27 bgs, American Shipper, London
15 bgs, A Hurst & Co, American Shipper, London
WOLFRAM ORE—500 bgs, Nako, Hongkong
WOODFLOUR—250 bgs, Burnett Co, Bergensfjord, Oslo
950 bgs, B L Soberski, Topdalsfjord, Skein
250 bgs, Burnett Co, Topdalsfjord, Skein
YEAST—75 bbls, Vulcan Yeast Co, Hamburg, Hamburg
150 cks, Guaranty Trust Co, Hamburg, Hamburg
20 dms, Schenker & Co, Hamburg, Hamburg
10 kegs, Blue Ribbon Yeast Co, Hamburg, Hamburg
POWD—20 bgs, Lo Curto & Funk, President Harding, Hamburg
ZINC OXIDE—2 cs, Yardley & Co, American Merchant, London
5 cs, Yardley & Co, Antonia, London
75 bbls, Innis, Speiden & Co, Westernland, Antwerp
75 bbls, Philipp Bros, Westernland, Antwerp
ZINC, AMMONIA CHLORIDE—74 cks, American Cyanamid & Chem Co, Westernland, Antwerp

New York Transit Imports

ARCHIL LIQUID—3 cks, G W Sheldon & Co, Aurania, Liverpool, Chicago
CASSIA—504 bls, Griffiths Lab, Nako, Hongkong, Chicago
CORIANDER SEED—180 bgs, Hiram Walker & Sons, American Shipper, London, Peoria
MENTHOL — 40 cs, McKesson & Robbins, Hokuroku, Bridgeport
OIL, CHINAWOOD—285 tons, W G Smith & Co, President Lincoln, Hongkong, Cleveland
OPIUM — 66 cs, Mallinckrodt Chem Works, Berengaria Southampton, St Louis
3 cs, Eli Lilly & Co, Berengaria, Southampton, Indianapolis
ORANGE PEEL—10 cs, American Shipper, London, Peoria
SPONGES—38 bls, Oriente, Havana, Havre
10 bls, Oriente, Havana, Hamburg
TEAWASTE—421 bgs, Maywood Chem Works, American Shipper, London, Maywood
1,029 bgs, Maywood Chem Works, Magdapur, Calcutta, Maywood

Baltimore Imports

ANTIMONY OXIDE—42 bgs, City of Norfolk, Havre
100 kgs, Black Heron, Antwerp
BONEMEAL—2,206 bgs, City of Norfolk, Hamburg
CALCIUM SILICIDE—1,094 bbls, Toledo, Sauda
CASHEW KERNELS—275 cs, Speybank, Calcutta
CHEMICALS—1 dm, Advance Solvents & Chem Co, Toledo, Drammen
200 bgs, City of Norfolk, Hamburg
650 bgs, City of Norfolk, Bremen
400 bgs, 50 csks, Black Heron, Rotterdam
148 csks, Advance Solvents & Chem Co, Black Heron, Rotterdam
52 dms, 157 csks, Maasdam, Rotterdam
CLAY, RAW—10 csks, City of Norfolk, Bremen
REFRACTORY—800 bgs, Black Heron, Antwerp
CODLIVER MEAL—2,081 bgs, Toledo, Bergen
COLORS, EARTH—12 csks, Maasdam, Rotterdam
COPRA—500 tons, Procter & Gamble, Peter Maersk, Cebu
FERROMANGANESE—118 bbls, Electro Metallurgical Co, Toledo, Sauda
1,360 tons, 930 bbls, Toledo, Sauda
950 tons, Frank Samuel & Co, Gorm, Porsgrund
FERTILIZER, NITROGENOUS—1,177 bgs, Order, Black Herron, Rotterdam
1,000 bgs, H J Baker, Black Heron, Rotterdam
FLUORSPAR—1,000 tons, Phila National Bank, Estrella, St Raphael
GELATIN, POWD—44 bbls, Black Heron, Antwerp
GLYCERIN—70 dms, 49 bbls, Maasdam, Rotterdam
ILMENITE SAND—1,900 tons, Speybank, Koilthottam
IRON ORE—3,003 tons, Bethlehem Steel Co, City of Dalhart, Whyalla
5,100 tons, Amtorg Traiding Corp, Tiflis, Nicolaieff
6,004 tons, Leo J Buck, Vinland, Narvik
OXIDE—3 csks, Maasdam, Rotterdam
PIG—200 tons, Rogers Brown Lavino, Toledo, Bergen
MANGANESE ORE—3,543 tons, Amtorg Trading Corp, Bela Khun, Poti
8,320 tons, Amtorg Trading Corp, Southgate, Poti
1,000 tons, Steel Evporter, Calcutta
SILICON—127 cs, Toledo, Dramen
OIL, CODLIVER—650 dms, American Express Co, Maasdam, Rotterdam
COTTONSEED—283 tons, Maasdam, Rotterdam
LUBRICATING—120 dms, Black Heron, Antwerp
SESAME—60 dms, Maasdam, Rotterdam
VEGETABLE—135 dms, Maasdam, Rotterdam
PEATMOSS—4,115 bls, City of Norfolk, Bremen
PETROLEUM, CRUDE—43,369 bbls, Standard Oil Co of N J, Athelqueen, Las Piedras
43,268 bbls, Pan Amer Ref Corp, Athelqueen, Las Piedras
POTASH, CHLORATE—200 cs, Innis Speiden & Co, Korsholm, Gothenburg
MANURE SALT—1,058 tons, N V Potash Export My, Ferndale, Bremen
METABISULPHIDE—5 cs, S Shapiro & Co, Black Heron, Antwerp
MURIATE—5,190 tons, N V Potash Export My, Ferndale, Bremen
SULPHATE—1,058 tons, N V Potash Export My, Ferndale, Bremen
PYRITES—2,620 tons, Salamis, Setubal
4,091 tons, Baron Blythewood, Huelva
SARDINE MEAL—6,720 bgs, Taian, Kobe
2,000 bgs, Noshiro, Kobe
STEARIN—104 bbls, City of Dalhart, Sydney
ZINC OXIDE—55 bbls, Innis Sjeiden & Co, Black Heron, Antwerp

Boston Imports

ACID, CRESYLIC—90 dms, 20 tons, 17 cwt, 4 qtrs, 2 lbs, Liberty, Liverpool
ALBUMEN, EGG, HEN, CRYSTAL—56 cs, Bank of New York & Trust Co, Hokuroku, Kobe
BATH SALT—1 cs, H S Pierce Co, American Merchant, London
CASEIN—13 bgs, American Merchant, London
CHEMICALS—167 cbys, 30 cks, Maasdam, Rotterdam
125 dms, Wilmington Warehousing Co, Maasdam, Rotterdam
COCOA BEANS—250 bgs, W R Grace & Co, Lady Nelson, Trinidad
4,179 bgs, W & A Leaman, Calgary, Duala
1,516 bgs, W & A Leaman, Calgary, Accra
1,440 bgs, Compagnie Francaise de l'Afrique Occidentale, Calgary, Takoradi
6,155 bgs, Balfour, Guthrie & Co, Calgary, Port Bouet
1,526 bgs, Cie Francaise de l'Afrique Occidentale, Calgary, Port Bouet
1,539 bgs, Balfour, Guthrie & Co, Calgary, Sassandra
COCONUTS—200 bgs, Lady Somers, Kingston
COLOR—2 cs, American Express Co, Liberty, Liverpool
COTTONSEED MEAL—2,000 bgs, Mitsui & Co, Hokuroku, Osaka
6,000 bgs, 600,000 lbs, Mitsubishi Shoji Kaisha, Ltd, Taian, Kobe
EARTH, RED—50 cks, Adam T Schildge, Maasdam, Rotterdam
EMERY POWDER—13 bgs, 1 cs, Nicholson & Co, American Merchant, London
FERTILIZER, CHEMICAL—40 bgs, T D Downing Co, American Merchant, London
FISHMEAL—2,000 bgs, 200,000 lbs, Wessel, Duval & Co, Taian, Kobe
GLASS, WINDOW—1,680 cs, 141,131 lbs, Lehigh, Hamburg
GLUESTOCK—115 bls, E Butterworth & Co, Maasdam, Rotterdam
109 bgs, Irving Trust Co, Silverbeech, Bombay
GRAPHITE—250 bgs, Silverbeech, Batavia
GREASE, WOOL—30 bbls, American Merchant, London
INSECTICIDE—2 dms, American Express Co, American Merchant, London
IRON ORE—18 csks, 5 tons, 13 cwt, 2 qtrs, 7 lbs, American Express Co, Liberty, Liverpool
LIME JUICE—10 hgshds, J P W Von Laer Co, Lady Nelson, Roseau, Dominica
LOAM—200 tons, 448,000 lbs, Lehigh, London
MAGNESIA, HYDRATE—10 cs, 10 cwt, 1 qtr, 22 lbs, Schofield-Donald Co, Liberty, Liverpool
MAGNESITE—200 bgs, Maasdam, Rotterdam
NUTGALLS—350 bgs, John D Lewis, Sonnavind, Shanghai
NUTMEGS—50 bgs, Stickney & Poor Spice Co, Lady Nelson, St Georges
OIL, COD—200 dms, 88,184 lbs, Lehigh, Hamburg
ESSENTIAL—1 cs, Lehigh, London
FUEL—67,400 bbls, Mexican Petroleum Corp, Frontenac, Aruba
LUBRICATING — 1 dm, Newton Gulf Oil Corp, American Merchant, London
PALMKERNEL—689 tons, Lever Bros, Maasdam, Rotterdam
2,000 tons, Lever Bros, Moira, Copenhagen
SPERM—100 bbls, 20 tons, 15 cwt, 24 lbs, Liberty, Glasgow
TEASEED—25 dms, Bank of London & South America, Hokuroku, Hankow
PEATMOSS—700 bls, Maasdam, Rotterdam
650 bls, 93,541 lbs, Louis Page, Lehigh, Hamburg
300 bls, 45,878 lbs, Atkins & Durbrow, Lehigh, Hamburg
500 bls, 81,923 lbs, Peat Import Corp, Lehigh, Hamburg
125 bls, Maasdam, Rotterdam
POPPYSEED—100 bgs, Levy & Levis, Maasdam, Rotterdam
25 bgs, Maasdam, Rotterdam
POTASH, BICARBONATE—6 cks, 3,571 lbs, Lehigh, Hamburg
MURIATE—1,001,990 lbs, N V Potash Export Mij, Lehigh, Hamburg
SAGO FLOUR—371 bgs, Arnold Hoffman Co, Steel Scientist, Singapore
ß bgs, National Importing Co, Rondo, Gothenburg
SHELLAC—150 bgs, Bank of Manhattan, Magdapur, Calcutta
30 chsts, Magdapur, Calcutta
25 cs, Philadelphia National Bank, City of Dundee, Calcutta
25 bgs, Chase National Bank, City of Dundee, Calcutta
BUTTONLAC—25 bgs, Philadelphia National Bank, Magdapur, Calcutta
52 bgs, Guaranty Trust Co, Magdapur, Calcutta
SOAP, TOILET—37 cs, S S Pierce Co, American Merchant, London
63 cs, T D Downing Co, American Merchant, London
SOYBEAN MEAL—2,000 bgs, 91 tons, Mitsubishi Shoji Kaisha, Sonnavind, Dairen
STARCH, POTATO—200 bgs, Stein, Hall & Co, Maasdam, Rotterdam
500 bgs, Continental Grain Co, Maasdam, Rotterdam
300 bgs, Maasdam, Rotterdam
TAPIOCA FLOUR—552 bgs, Guaranty Trust Co, Steel Scientist, Sourabaya
1,000 bgs, Arnold Hoffman & Co, Steel Scientist, Cheribon
250 bgs, Chase National Bank, Steel Scientist, Cheribon
WAX, BEES—51 bls, Maasdam, Rotterdam
MONTAN—150 bgs, 22,189 lbs, Lehigh, Hamburg

Boston Transit Imports

ENAMEL, POWDER—1 bbl, Maasdam, Rotterdam, for Ottawa

Houston Imports

FULLERS EARTH—300 bgs, Indiana, Antwerp
GLASS, PLATE, POLISHED—14 cs, Indiana, Antwerp
OIL—1 cs, Indiana, Havre
CASTOR—500 dms, El Dia, New York
PAPRIKA—150 bgs, Tripp, Liverpool
TALC—1,500 bgs, Mongiola, Genoa
VENETIAN RED—245 bbls, Tripp, Manchester

Los Angeles Imports

AGAR AGAR—2,130 lbs, Thosei, Kobe
ALLSPICE, UNGROUND—8,510 lbs, Dinteldijk, Jamaica
BONE MEAL—112,000 lbs, Thosei, Dairen
CAMPHOR, REFINED—5 lbs, President Pierce, Kobe
CASSIA—3,330 lbs, President Pierce, Canton
CELERY SEED—2,180 lbs, Rialto, Marseilles
CHEMICAL COMPOUND—5 lbs, Kyujiu, Japan
1,360 lbs, Heian, Yokohama
3,170 lbs, Heian, Japan
980 lbs, Pacific Reliance, Glasgow
PHOTO—30 lbs, From Stuttgart
SALT—1,000 lbs, Heian, Tokyo
CLOVES—4,430 lbs, Manoeran, Macassar
COCONUT, DESIC—31,740 lbs, Tai Yin, Manila
COPRA—537,600 lbs, Golden Star, Cebu
1,176,000 lbs, Golden Star, Legaspi
MEAL—424,000 lbs, Tempei, Manila
800,000 lbs, Manoeran, Manila
CORIANDER SEED—22,050 lbs, Rialto, Marseilles
COTTON LINTERS—73,470 lbs, West Mahwah, San Paulo
21,610 lbs, Manoeran, Sourabaya
COTTONSEED MEAL—1,080,000 lbs, Thosei, Kobe
400,000 lbs, Thosei, Osaka
DRUGS, ADVANCE—880 lbs, President Lincoln, Hongkong
CRUDE—150 lbs, President Lincoln, Hongkong
260 lbs, President Pierce, Canton
7,500 lbs, President Pierce, Hongkong
FERTILIZER—500,000 lbs, Thosei, Osaka
FISH MEAL—2,444,300 lbs, Kyujiu, Tokyo
GINGER ROOT—2,240 lbs, Dinteldijk, Jamaica
GUM, COPAL—12,900 lbs, Silverbelle, Macassar
DAMMAR—11,200 lbs, Manoeran, Singapore
ELEMI—2,190 lbs, President Pierce, Manila
LINSEED OIL MEAL—200,000 lbs, Thosei, Kobe
MEDICINAL PREPS—140 lbs, President Pierce, Canton
150 lbs, President Pierce, Hongkong
OIL, CHINAWOOD—260,000 lbs, Thosei, Shanghai
COTTONSEED—219,600 lbs, Golden Sun, Tientsin
1,378,080 lbs, Loch Katrine, Rotterdam
HAIR—260 lbs, President Pierce, Kobe
LUBRICATING—11,000 lbs, Barbro, Copenhagen
OLIVE—10,300 lbs, President Garfield, Leghorn
5,030 lbs, President Van Buren, Genoa
26,310 lbs, Rialto, Leghorn
PEANUT—720 lbs, President Pierce, Hongkong
SESAME—80 lbs, President Pierce, Canton
TEASEED—81,770 lbs, Thosei, Hankow
PARAFFIN—56,000 lbs, Manoeran, Balik Papan
112,000 lbs, Silverbelle, Borneo
PEANUT MEAL—300,000 lbs, Thosei, Tsingtao
PEPPER, BLACK—11,030 lbs, Roseville, Batavia
17,700 lbs, Manoeran, D E I
PERFUMERY—40 lbs, From Torquay
POTASH SULPHATE—100,000 lbs, Portland, Hamburg
PYRETHRUM FLOWERS—1,000 lbs, Kyujiu, Japan
RAPESEED—17,510 lbs, Kyujiu, Kobe
SARDINE MEAL—200,000 lbs, Kyujiu, Nagoya
200,000 lbs, Kyujiu, Kobe
SEAWEED MEAL—40,000 lbs, Thosei, Tokyo
SESAME SEED—1,600 lbs, President Pierce, Hongkong
30,000 lbs, Taiyo, Japan
SOAP, CASTILE—4,090 lbs, President Van Buren, Marseilles
POWDER—840 lbs, President Pierce, Canton
220 lbs, President Pierce, Kobe
TOILET—10 lbs, President Pierce, Kobe
SODA NITRATE—1,196,600 lbs, Atago, Tocopilla
SOYBEAN MEAL—330,000 lbs, Kyujiu, Dairen
1,800,000 lbs, Thosei, Dairen
TALC—78,400 lbs, Rialto, Turin
TALLOW, VEGETABLE—63,700 lbs, Brandanger, Para
TAPIOCA FLOUR—22,400 lbs, Manoeran, Sourabaya
279,980 lbs, Roseville, Sourabaya
UMBER, BURNT—4,730 lbs, President Adams, Larnaca
POWDERED—2,660 lbs, President Adams, Larnaca
WATER, MINERAL—2,330 lbs, Rialto, Marseilles
ZINC OXIDE, POWD—4,410 lbs, President Adams, Marseilles

Mobile Imports

MOLASSES—394,378 gls, Amolco, Banes
443,428 gls, Amolco, Nipe

New Orleans Imports

BAUXITE ORE—2,139 tons, Aluminum Ore Co., Leka, Georgetown
2,765 tons, Republic Mining & Mfg Co, Torny Paramaribo
2,870 tons, Republic Mining & Mfg Co, Vestvangen, Paramaribo
2,745 tons, Republic Mining & Mfg Co, Schiffbek, Paramaribo
CRUDE—2,115 tons, Aluminum Ore Co, Bordvik, Georgetown
COCONUTS—100 sks, Whitney Bank, Sixaola, Cristobal
MARBLE GRANULATE—20 sks, D L Carter, Recca, Leghorn
MINERAL—500 sks, Recca, Genoa
MOLASSES—627,420 gls, North American Trading & Import Co, Winnetou, Pastillilo
470,238 gls, North American Trading & Import Co, Winnetou, Antilla
323,068 gls, North American Trading & Import Co, Winnetou, Preston
OCHER—138 bbls, Geo Wm Rueff, Recca, Marseilles
OIL, OLIVE—100 cs, Teresa, Trieste
1,450 cs, Recca, Marseilles
25 bbls, Recca, Marseilles
PALM—2,194 tons, Kota Inten, Belawan Deli
SARSAPARILLA ROOT—9 bls, I C R R, Recca, Tampico
TALC—700 sks, I C R R, Recca, Genoa
272 sks, Whittaker, Clark & Daniels, Recca, Genoa
TAPIOCA FLOUR—2,738 sks, National City Bank of N Y, Phemius, Sourabaya
4,501 sks, Guaranty Trust Co, Phemius, Cheribon

Norfolk Imports

BLOOD, DRIED—4,222 bgs, 198 tons, Argentina, Buenos Aires
FISH SCRAP—2,938 bgs, 148 tons, Jos C Jett, Argentino, Buenos Aires
LEATHER WASTE—442 bls, Bristol City, Bristol
TANKAGE, PRESSED—438 bgs, 38 tons, H J Baker & Bros, Argentino, Buenos Aires
TAPIOCA FLOUR—3,245 bgs, Guaranty Trust Co, City of Wellington, Cheribon
250 bgs, H P Winter & Co, City of Wellington, Cheribon

Philadelphia Imports

BABASSU KERNELS—833 bgs, Guaranty Trust Co, Boniface, Maranhao
CARDAMOM—10 cs, City of Rangoon, Colombo
CHEMICALS—250 bgs, 100 cks, African Metals Corp, Black Falcon, Antwerp
360 bgs, Wilmington Warehousing Co, Black Falcon, Rotterdam
1 ck, American Chemical Paint Co, Independence Hall, Havre
50 cks, Goslar, Bremen
CHILLIES—60 bgs, Goslar, Bremen
CHROME ORE—6,306.40 tons, Cuban Industrial Ore Co, Evertons, Nuevitas
1,000 tons, Bank of Athens, Executive, Aghia Marina
COCOA BEANS—2,000 bgs, Balfour, Guthrie & Co, West Imboden, Bahia
3,000 bgs, Carl M Loeb & Co, West Imboden, Bahia
5,000 bgs, Balfour, Guthrie & Co, Boniface, Bahia
3,500 bgs, Wessel, Duval & Co, Boniface, Bahia
1,000 bgs, Rockwood & Co, Boniface, Bahia
188 bgs, Estrella, Lisbon
COCONUTS—355 bgs, Edwards Freeman, Barbara, Mayaguez
143 bgs, Starr Produce Co, Barbara, San Juan
500 bgs, Edwards Freeman, Barbara, San Juan
COLOR, EARTH—66 cks, Goslar, Bremen
CORIANDER SEED—200 bgs, J K Landenslager & Co, Exchester, Casablanca
100 bgs, John Lecroy & Sons, Exchester, Casablanca
200 bgs, McCormick & Co, Exchester, Casablanca
204 bgs, Estrella, Casablanca
CORK, VIRGIN—2,611 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
WASTE—15,153 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
WOOD—6,161 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
CUMIN SEED—102 bgs, Estrella, Casablanca
DRUGS, CRUDE—20 cs, Philadelphia National Bank, Goslar, Hamburg
ETHYLENE DIBROMIDE—24 cks, Howe Importing Corp, Goslar, Hamburg
68 dms, Overseas Trading & Finance Corp, Goslar, Hamburg
GLASS, PLATE—17 cs, Pittsburgh Plate Glass Co, Black Falcon, Antwerp
WINDOW—960 cs, Hires Turner Glass Co, Black Falcon, Antwerp
350 cs, H Perlstein, Black Falcon, Antwerp
GLUE, POWD—30 bbls, International Selling Corp, Black Falcon, Antwerp
GLYCERIN—20 dms, Black Falcon, Rotterdam
60 cks, Estrella, Marseilles
GUM, ARABIC—50 bgs, Innes, Speiden & Co, Goslar, Hamburg
COPAL—131 bskts, Van Norden & Co, Chinese Prince, Macassar
96 bgs, J Meyer & Sons, Chinese Prince, Macassar

GUM, COPAL—35 bskts, Gillespie, Rogers, Pyatt Co, Chinese Prince, Macassar
COPAL SIFTINGS—200 bgs, Stroock & Wittenberg, Black Falcon, Antwerp
DAMMAR—50 cs, J Meyer & Sons, Chinese Prince, Singapore
50 cs, Guaranty Trust Co, Chinese Prince, Singapore
INDIGO—1 pkg, E I Du Pont de Nemours & Co, Noshiro, Dairen
LICORICE ROOT—4,500 bls, 40 bgs, MacAndrews & Forbes Co, Exchester, Seville
MAGNESITE CLINKERS—1,000 bgs, Noshiro, Dairen
MANGANESE ORE—100 bgs, Estrella, Marseilles
SULPHATE—60 cks, Harshaw Chemical Co, Black Falcon, Rotterdam
MEDICINAL PREPS — 10 dms, Gold Medal Haarlem Oil Corp, Black Falcon, Rotterdam
MILK POWDER—25 csks, F B Vandegrift & Co, Back Falcon, Rotterdam
MYROBALANS—5,400 pckts, Steel Exporter, Calcutta
4,000 bgs, Guaranty Trust Co, City of Rangoon, Calcutta
OCHER—25 csks, C K Williams & Co, Estrella, Marseilles
OIL, CHINAWOOD—75 dms, Noshiro, Hongkong
COD—100 dms, Goslar, Hamburg, 200 csks, Goslar, Bremen
CORN—37,011 kilos, Bisbee Linseed Co Black Falcon, Antwerp
74,000 kilos, Black Falcon, Antwerp
COTTONSEED—1,068 dms, West Imboden, Santos
520 dms, Bunge North American Grain Corp, Boniface, Pernambuco
144 dms, Boniface, Natal
MINERAL—100 dms, Atlantic Refining Co, Independence Hall, Havre
20 dms, Kuhne, Libby & Co, Goslar, Hamburg
OITICICIA—52 dms, Philadelphia National Bank, Boniface, Ceara
PEATMOSS—2,900 bls, Goslar, Bremen
PEPPER, BLACK, 243 bgs, Catz American Co, Chinese Prince, Batavia
RED—50 bgs, J K Landenslager & Co, Goslar, Hamburg
PETROLEUM, CRUDE—90,000 bbls, Atlantic Refining Co, Fermian, Las Piedras
PHOSPHATE, PREC—381 bgs, H J Baker & Bros, Black Falcon, Antwerp
POPPYSEED—100 bgs, Black Falcon, Rotterdam
POTASH, MURIATE—3 lots, 2,000 bgs, N V Potash Export Mij, Goslar, Bremen
SULPHATE—1,000 bgs, N V Potash Export Mij, Goslar, Bremen
PYRITES ORE—6,347 tons, General Chemical Co, Everene, Huelva
RICE STARCH POWD—50 bbls, H Kohnstamm & Co, Black Falcon, Antwerp
SARDINE MEAL—2,000 bgs, Wilbur Ellis & Co, Kongo Maru, Kobe
500 bgs, Kongo, Yokohama
SHELLAC—600 bgs, Steel Exporter, Calcutta
1,200 bgs, Bank of London and South America, Manipur, Calcutta
47 bgs, Chase National Bank, Manipur, Calcutta
155 bgs, Grace National Bank, Manipur, Calcutta
600 bgs, Bank of London and South America, City of Rangoon, Calcutta
100 bgs, Bank of the Manhattan Co, City of Rangoon, Calcutta
SODA SILICOFLUORIDE—300 bgs, Phillip Bros, Kongo Maru, Yokohama
300 bgs, Harshaw Chemical Co, Goslar, Hamburg
SOYBEAN MEAL — 1,000 bgs, Mitsubishi Shoji Kaisha, Noshiro, Dairen
TALC—500 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
TANKAGE, UNGROUND—1,000 bgs, M L Shoemaker & Co, West Imboden, Santos
TAPIOCA FLOUR—524 bgs, Perkins Glue Co, Chinese Prince, Batavia
250 bgs, Java Sumatra Hmij, Chinese Prince, Batavia
750 bgs, Philadelphia National Bank, Chinese Prince, Cheribon
747 bgs, Perkins Glue Co, Chinese Prince, Cheribon
1,053 bgs, Guaranty Trust Co, Chinese Prince, Pasoeroean
TUCUM KERNELS — 1,563 bgs, Guaranty Trust Co, Boniface, Parnahyba
WAX, CARNAUBA—38 bgs, Philadelphia National Bank, Boniface, Parnahyba
140 bgs, American Cyanamid & Chemical Corp, Boniface, Ceara
223 bgs, Guaranty Trust Co, Boniface, Ceara
OZOKERITE—22 bgs, Kuhne, Libby & Co, Goslar, Hamburg
ZIRCON—5,000 bgs, Travancore Minerals Co, City of Rangoon, Kolithottam

Portland, Ore., Imports

CASEIN PREP—1 cs, European Trading Co, Buenos Aires, Gothenburg
TANKAGE—1,000 sks, Hardanger, Buenos Aires
1,000 sks, Hardanger, Santos

San Francisco Imports

BABASSU KERNELS—1,670 sks, Hollywood, Maranhao
1,666 sks, American Trust Co, Hollywood, Maranhao
6,772 sks, American Trust Co, Brandanger, Tutoya (for Oakland)
3,332 sks, Wells Fargo Bank & Union Trust Co, Brandanger, Maranhao
340 sks, Bank of California, N A, Brandanger, Para
BONE PHOSPHATE—6,000 sks, Villanger, Vancouver
BONES—316 sks, Hollywood, Santos
GRANULATED—6,029 sks, and a quantity, Hollywood, Buenos Aires
4,215 sks, Brandanger, Buenos Aires
CALCIUM TARTRATE—735 bgs, Brandanger, Buenos Aires
CARDAMOM SEED—15 cs, H M Newhall & Co, President Pierce, Colombo
CINNAMON QUILLS—50 bls, Henry W Peabody & Co, President Pierce, Colombo
75 bls, D Hecht Co, President Pierce, Colombo
COCOA BEANS—800 sks, American Trust Co, Hollywood, Bahia
120 sks, H A Philips & Co, Brandanger, Para
COCONUT, DESIC—2,460 cs, Wood & Selick, President Pierce, Manila
1,018 cs, Durkee Famous Foods, President Pierce, Manila
2,627 cs, Philippine Desiccated Coconut Corp, President Pierce, Manila
COPRA—2,479 sks, Olympia, Guam
866 sks, Olympia, Guam (for Alameda)
500 tons, El Dorado Oil Works, Olympia, Guam (for Oakland)
100 tons, El Dorado Oil Works, Olympia, Iloilo (for Oakland)
150 tons, Western Vegetable Oil Co, Olympia, Iloilo (for Oakland)
95 tons, R J Roesling & Co, Olympia, Cebu (for Oakland)
1,150 tons, El Dorado Oil Works, Olympia, Cebu (for Oakland)
280 tons, El Dorado Oil Works, Olympia, Masbate (for Oakland)
450 tons, El Dorado Oil Works, Olympia, Legaspi (for Oakland)
400 tons, El Dorado Oil Works, Somerville, Zamboanga (for Oakland)
285 tons, El Dorado Oil Works, Somerville, Borongan (for Oakland)
482 tons, El Dorado Oil Works, Somerville, Bulan (for Oakland)
2,968 sks, H M Newhall & Co, Golden Cloud, Suva
290 tons, Du Val Moore-American Trading Co, Golden Cloud, Rotuma
555 tons, Du Val Moore-American Trading Co, Golden Cloud, Butaritari
GLASS, WINDOW—26 cs, Fijian, Vancouver
503 cs, Smith Glass Co, Fijian, Vancouver
1,000 cs, Smith Glass Co, Fijian, Victoria
GUM, COPAL—181 bskts, Henry W Peabody & Co, President Pierce, Hongkong
INSECTICIDE—1 cs, Oriental Seed & Plant Co, President Pierce, Kobe
MARGARIN, VEGETABLE—2,100 cs, David B. Berelson, President Pierce, Manila
700 cs, M S Cowen Co, President Pierce, Manila
MEDICINAL PREPS—4 cs, Fung Chong, President Pierce, Hangkong
48 pkgs, Tin Shew Tong, President Pierce, Hongkong
3 cs, Chong Sing Co, President Pierce, Hongkong
1 cs, Quong Lee & Co, President Pierce, Hongkong
1 cs, Woo Kee Co, President Pierce, Hongkong
1 cs, Tai Sang Tong, President Pierce, Hongkong
15 cs, Yick Sang Tong, President Pierce, Hongkong
1 cs, Shun On, President Pierce, Hongkong
NUTMEGS—35 sks, B C Ireland Co, Hollywood, Port of Spain
OIL, ANDIROBA—210 dms, R J Roesling & Co, Brandanger, Para
CHINAWOOD—150 dms, D Hecht Co, President Pierce, Hongkong
COTTONSEED—1,294 dms, Brandanger, Cabedello
1,040 bbls, R J Roesling & Co, Brandanger, Pernambuco
PEPPER, BLACK—150 sks, H M Newhall & Co, Somerville, Coosthaven
WHITE—162 sks, California Casing Co, Somerville, Bangkalpinang
81 sks, Java Sumatra Handelmij, Somerville, Batoeroesa
81 sks, Henry W Peabody & Co, Somerville, Batoeroesa
QUEBRACHO EXTRACT—800 sks, International Products Corpn, Hollywood, Buenos Aires
TALLOW, VEGETABLE—267 cs, Bank of California, N A, Brandanger, Para
TANKAGE—500 sks, Golden Cloud, Auckland
112 sks, Andlo-California National Bank, Golden Cloud, Melbourne
RENDERED, DRY—2,228 sks, Anglo-California National Bank, Golden Cloud, Melbourne
TAPIOCA MEAL—557 sks, Balfour, Guthrie & Co, Somerville, Samarang
559 sks, Somerville, Samarang
TIMBO ROOT—20 cs, Hollywood, Para
WAX, CARNAUBA—8 bgs, Hollywood, Naramzao
REFD—255 sks, Patterson Shipping Co, Somerville, Palembang

Savannah Imports

ARSENIC, WHITE, POWD—53,555 kilos, Sundance, Antwerp
POTASH, KAINIT—400,600 kilos, Sundance, Antwerp
MURIATE—545,200 kilos, Sundance, Antwerp
SALTCAKE—1,265,998 kilos, Sundance, Antwerp

Seattle Imports

ARSENIC, WHITE, POWD—99 dms, American Metal Corpn, San Francisco, Antwerp
CASEIN PREP—1 cs, Buenos Aires, Gothenburg
COTTONSEED MEAL—1,000 sks, Mitsui & Co, Kosei, Kobe
HONEY—50 tins, Commercial Importing Co, Oakland, San Jose de Guatemala
JUNIPER BRASH, PULV—1 cs, European Trading Co, Buenos Aires, Gothenburg
LINSEED MEAL—700 sks, Balfour, Guthrie & Co, Kosei, Kobe
SARDINE MEAL—3,000 sks, Wilbur-Ellis Co, Kosei, Kobe

Tacoma Imports

JUNIPER BRASH, PULV—1 cs, European Trading Co, Buenos Aires, Gothenburg

Tampa Imports

CASTOR MEAL—1,335 bgs, Teresa, Fiume
COCONUTS—6,800, Beloit, Trujillo

Exports from U.S. Ports

New York Exports

Clearance Dates

Alaunia, February 18; Amapala, February 19; American Banker, February 19; American Importer, February 13; Andania, February 19; Batory, February 13; Black Osprey, February 17; Black Tern, February 8; Bodnant, February 17; Bremen, February 19; Bronxville, February 19; Cabedello, February 18; Caledonia, February 19; Caracas, February 10; Chimu, February 10; City of Elwood, February 20; City of Lyons, February 17; Clan Ross, February 19; Colombia, February 18; Conte Savoia, February 12; Constance Chandler, February 16; Cubano, February 20; Deutschland, February 20; Eastern Prince, February 19; Excambion, February 16; Fredhem, February 5; Gerolstein, February 19; Guayaquil, January 19; Haiti, February 25; Ile France, February 19; Ingrid, February 10; Kelso, February 19; Kiyosumi, February 18; Manhattan, February 23; Mayari, February 18; Munargo, February 19; Oriente, February 9; Paul H Harwood, February 22; Peten, February 18; Platano, February 19; President Harding, February 3; President Roosevelt, February 17; Queen Mary, February 23; Rex, February 5; Rigel, February 19; Saturnia, February 19; Schwarzes Meer, February 17; Stolzenfels, February 18; Swinburne, February 20; Ulua, February 20; Uruguayo, January 28.

ACETYLENE—6,053 lbs, Burgos, Guira
ACID, LACTIC—772 lbs, Rigel, Buenos Aires
MURIATIC—(Colombia) 8,200 lbs, Kingston; 8,427 lbs, Port Prince; 985 lbs, Ulua, Puntarenas; 9,250 lbs, Platano, Porto Cortez
ACID, OXALIC—2,094 lbs, Peten, Havana
SALICYLIC—522 lbs, Peten, Havana
STEARIC—11,918 lbs, Uruguayo, Buenos Aires; 2,219 lbs, Munargo; Mantanzas
SULPHURIC—3,750 lbs, Clan Ross, Capetown
ALUMINA, OXIDE—2,000 lbs, Deutschland, Hamburg
SULPHATE—8,080 lbs, Haiti, Porto Colombia
AMMONIA, ANHYD—1,165 lbs, Platano, Porto Barrios
SULPHATE—(Burgos) 113,250 lbs, St Kitts; 305,775 lbs, Antigua
ASPHALT—22,440 lbs, American Importer, Liverpool; 113,616 lbs, Caracas, La Guaira; 110,326 lbs, Bremen, Bremen; 49,434 lbs, Deutschland, Hamburg; 44,180 lbs, City of Lyons, Manila
FLUX—54,450 lbs, Munargo, Nassau
LIQUID—16,885 lbs, President Roosevelt, Plymouth; 49,745 lbs, Manhattan, Hamburg
ROAD—35,254 lbs, Munargo, Nassau
SOLID—52,582 lbs, American Importer, Manchester; 16,260 lbs, Conte Savoia, Genoa; 5,346 lbs, Andania, Liverpool
BENZOL—4,270 gls, Fredhem, Buenos Aires
BLUE, ULTRAMARINE—324 lbs, Peten, Cienfuegos
VITRIOL—(Constance Chandler) 10,050 lbs, Honolulu; 10,050 lbs, Kahului; 59,000 lbs, Rigel, Buenos Aires
CALCIUM ARSENATE—45,210 lbs, Chimu, Pisco
CARBIDE—3,195 lbs, Ulua, Puntarenas
GLUCONATE—938 lbs, Manhattan, Havre
MOLYBDENATE CONC—3,536 lbs, Bronxville, Genoa
CARBON BISULPHIDE—(Guayaquil) 8,380 lbs, Porto Colombia; 7,140 lbs, Cristobal
CHEMICALS—3,018 lbs, Alaunia, London; 1,072 lbs, Black Osprey, Rotterdam; 3,066 lbs, Gerolstein, Antwerp; 38,175 lbs, American Banker, London; 778 lbs, Rigel, Montevideo; 3,448 lbs, Platano, Santiago
CHLORINE—(Guayaquil) 1,629 lbs, Porto Barrios; 7,707 lbs, Cristobal
CLAY—10,200 lbs, Cubano, Buenos Aires; 20,400 lbs, President Harding, Havre; 90,415 lbs, Eastern Prince, Rio Janeiro; 20,400 lbs, American Banker, London
COALTAR—2,834 lbs, Guayaquil, Cristobal; 1,120 lbs, Ulua, Panama City
INTERMEDIATES—1,424 lbs, Black Osprey, Rotterdam
PRODUCTS—15,610 lbs, Eastern Prince, Santos
COLOR, DRY—1,358 lbs, Rigel, Buenos Aires; 3,715 lbs, Munargo, Havana
COPPER POWDER—22,177 lbs, Andania, Liverpool
CORNFLOUR—1,010 lbs, Peten, Havana
SUGAR—2,820 lbs, City of Elwood, Honolulu
SYRUP—(Clan Ross) 3,750 lbs, Port Elizabeth; 3,752 lbs, Lourenco Marques; 5,320 lbs, City of Elwood, Honolulu; (City of Lyons) 3,004 lbs, Manila; 902 lbs, Iloilo
DEXTRIN, CORN—22,720 lbs, American Importer, Liverpool
DISINFECTANT—5,240 lbs, Uruguayo, Buenos Aires; (Ulua) 1,550 lbs, Porto Armuelles; 3,146 lbs, La Libertad
COALTAR—1,683 lbs, Ulua, Panama City; 4,989 lbs, Munargo, Havana
DRUGS—991 lbs, American Banker, London
DYES—(President Harding) 3,075 lbs, Havre; 45,332 lbs, Hamburg; 677 lbs, Rex, Milan; 20,340 lbs, Eastern Prince, Buenos Aires; (Manhattan) 8,195 lbs, Havre; 6,634 lbs, Hamburg
ANILIN—1,477 lbs, President Harding; Hamburg; 6,414 lbs, Batory, Gdynia
ETHYL ETHER—400 gls, Uruguayo, Buenos Aires
FELDSPAR—61,052 lbs, President Roosevelt, Havre
FERRITES—50,715 lbs, Uruguayo, Buenos Aires; 17,391 lbs, Rigel, Montevideo
FERTILIZER—30,300 lbs, Peten, Limon; 34,275 lbs, Amapala, Kingston; 40,400 lbs, Guayaquil, Panama City; (Constance Chandler) 1,170,700 lbs, Honolulu; 203,600 lbs, Hilo; 458,100 lbs, Kahului; 34,020 lbs, Burgos, Grenada; 197,460 lbs, Haiti, Sav La Mar
GASOLINE—(Bodnant) 8,000 gls, Dakar; 6,000 gls, Freetown; 4,200 gls, Ingrid, La Guaira
GLASS, WINDOW—10,163 lbs, Peten, Havana; 4,173 lbs, Ulua, Cartagena
GREASE, ANIMAL — 33,014 lbs, Amapala, Santiago; 34,852 lbs, Platano, Santiago
LUBRICATING—1,430 lbs, Peten, Chapara; 91,954 lbs, Alaunia, London; (Bodnant) 828 lbs, Bathurst; 604 lbs, Sassandra; 27,781 lbs, Cubano, Buenos Aires; 461,763 lbs, American Importer, Manchester; 19,668 lbs, President Roosevelt, Hamburg; 11,037 lbs, President Harding, Hamburg; 10,637 lbs, Conte Savoia, Genoa; (Excambion) 51,941 lbs, Marseilles; 13,904 lbs, Alexandria; (Kelso) 26,232 lbs, Hull; 109,240 lbs, Newcastle; 32,126 lbs, Black Tern, Antwerp; (Uruguayo) 1,642 lbs, Rio de Janeiro; 1,215 lbs, Santos; 14,862 lbs, Clan Ross, Port Natal; 2,303 lbs, Saturnia, Lisbon; 83,011 lbs, Caledonia, Glasgow; 1,276 lbs, Bremen, Bremen; 11,600 lbs, Burgos, Guira; 982 lbs, Gerolstein, Antwerp; 141,360 lbs, Andania, Liverpool; 11,382 lbs, Manhattan, Praha; 116,410 lbs, City of Lyons, Manila; 53,396 lbs, Deutschland, Hamburg; 3,120 lbs, Platano, Porto Barrios
INFUSORIAL EARTH—145,536 lbs, Caledonia, Glasgow
INK, PRINTING—(Rigel) 4,195 lbs, Santos; 14,380 lbs, Buenos Aires
INSECTICIDE, ALGRIC—7,080 lbs, Gerolstein, Rotterdam
HOUSEHOLD—122,573 lbs, Alaunia, London; 4,524 lbs, Caledonia, Glasgow
LIQUID—1,143 lbs, Platano, Porto Barrios
LACQUER — 1,320 lbs, President Harding, Hamburg; 630 lbs, Black Tern, Antwerp; (Eastern Prince) 4,260 lbs, Santos; 3,542 lbs, Buenos Aires; 3,312 lbs, Clan Ross, Port Elizabeth
THINNER—2,750 gls, Clan Ross, Port Elizabeth
LARD—37,400 lbs, Peten, Havana; 52,163 lbs, Mayari, Banes; 37,800 lbs, Kelso, Hull; 31,500 lbs Andania, Liverpool; (Platano) 2,625 lbs, Santiago; 14,250 lbs, Caimanera
SUBSTITUTE—48,000 lbs, Constance Chandler, Honolulu
LEAD, ARSENATE—3,412 lbs, Munargo, Havana
RED—2,126 lbs, Mayari, Banes; 17,430 lbs, Uruguayo, Buenos Aires
WHITE—1,045 lbs, Mayari, Banes; 32,474 lbs, Uruguayo, Buenos Aires
LINSEED CAKE—4,179,189 lbs, Black Tern, Antwerp
MEAL — 1,064,000 lbs, American Importer, Liverpool
LITHARGE—31,438 lbs, Paul H Harwood, Aruba
LITHOPONE—20,100 lbs, American Banker, London; 2,481 lbs, Haiti, Porto Colombia
METHYLENE CHLORIDE—1,027 lbs, Rigel, Montevideo
MINERAL SPTS—10,000 gls, Cabedello, Rio de Janeiro
NAPHTHA (Bodnant) 20,000 gls, Dakar; 25,300 gls, Sassandra; 20,000 gls, Saltpond; 26,375 gls, Duala; (Clan Ross) 31,000 gls, Mananzary; 16,775 gs, Tamatave; 27,000 gls, Manakara
OIL, CASTOR—2,451 lbs, Exiria, Istanbul; 1,517 lbs, Black Tern, Antwerp
CHINAWOOD—44,868 lbs, Cubano, Buenos Aires
COCONUT, REFD—4,796 lbs, Peten, Havana; 9,617 lbs, Platano, Porto Barrios
CORN—2,750 lbs, Constance Chandler Honolulu; 3,106 lbs, Clan Ross, Capetown
OIL, CYLINDER—754,278 gls, Schwarzes Meer, England
LUBRICATING—10,970 gls, Saturnia, Lisbon; 25,090 gls, Caledonia, Glasgow; 2,200 gls, Cabedello, Rio Janeiro; 44,000 gls, Burgos, Guira; 19,535 gls, Gerolstein, Antwerp; (Andania) 3,300 gls, Calcutta; 6,905 gls, Liverpool; (Ile France) 3,838 gls, Dunkirk; 6,300 gls, La Rochelle; 1,344 gls, Bordeaux; 10,756 gls, Havre; (Manhattan) 3,150 gls, Havre; 1,260 gls, Switzerland; 1,980 gls, Paris; 2,520 gls, Praha; 2,750 gls, Rigel, Montevideo; 37,015 gls, City of Lyons, Manila; 4,125 gls, Stolzenfels, Bahrein; 4,380 gls, American Banker, London; (Swinburne) 4,490 gls, Manaos; 27,750 gls, Pernambuco; 650 gls, Maceio; 890 gls, Bahia; (Deutschland) 68,592 gls, Hamburg; 4,200 gls, Oslo; 2,475 gls, Peten, Havana; (Exiria) 1,050 gls, Malta; 1,430 gls, Salonica; 9,350 gls, Istanbul; 2,365 gls, Amapala, Tanamo; 17,425 gls, Alaunia, Tanamo; 13,365 gls, Oriente, Vera Cruz; 700 gls, Guayaquil, Porto Colombia; (Bodnant) 1,490 gls, Bathurst; 2,970 gls, Lome; (Cubano) 22,000 gls, Rio Janeiro; 6,710 gls, Rio Grande do Sul; 2,216 gls, Porto Alegre; 28,050 gls, Buenos Aires; 54,425 gls, American Importer, Manchester; 212,184 gls, Schwarzes Meer, Lisbon; (President Harding) 2,420 gls, Havre; 13,135 gls, Hamburg; (Excambion) 8,586 gls, Marseilles; 42,295 gls, Alexandria; (Kelso) 10,615 gls, Hull; 35,883 gls, Newcastle; 6,456 gls, Rex, Genoa; 2,585 gls, Black Tern, Rotterdam; (Uruguay) 6,400 gls, Santos; 1,650 gls, Montevideo; 1,210 gls, Buenos Aires; 3,410 gls, Fredhem, Rio Grande; (Colombia) 2,715 gls, Port Prince; 2,420 gls, Porto Colombia; 2,300 gls, Clan Ross, Tamatava; 4,690 gls, Ingrid, Porto Cabello; (Chimu) 2,125 gls, Buenaventura; 1,400 gls, Guayaquil; 1,650 gls, Talara; 1,925 gls, Paita; 1,710 gls, Pisco; 2,035 gls, Ulua, Porto Colombia; 1,100 gls, Platano, Santiago; (Munargo) 2,490 gls, Havana; 2,235 gls, Nassau
MINERAL—4,400 gls, Alaunia, London; 1,210 gls, Peten, Havana
OLEO—63,696 lbs, Alaunia, London; 20,881 lbs, Andania, Liverpool; 21,159 lbs, Caledonia, Glasgow
ORANGE DIST—3,064 lbs, Deutschland, Hamburg
PALE—340,620 gls, Schwarzes Meer, England
PEPPERMINT—1,494 lbs, Manhattan, Hamburg
RAYON—49,500 lbs, Conte Savoia, Genoa
TRANSFORMER — 1,475 gls, Uruguayo, Buenos Aires
PAINT—18,504 lbs, Mayari, Banes; 1,795 lbs, Peten, Limon; 1,022 lbs, Excambion, Haifa; 712 lbs, Uruguayo, Buenos Aires; 5,185 lbs, Colombia, Porto Colombia; 12,540 lbs, Eastern Prince, Santos; (Constance Chandler) 20,440 lbs, Honolulu; 4,868 lbs, Burgos, Trinidad; 4,900 lbs, Gerolstein, Antwerp; 5,668 lbs, Deutschland, Helsingfors; 13,781 lbs, Rigel, Buenos Aires
MATERIAL—4,493 lbs, Cubano, Buenos Aires; 7,886 lbs, Rigel, Buenos Aires
PREPARED—2,286 lbs, Andania, Liverpool; (Ulua) 2,485 lbs, Cartegena; 880 lbs, Porto Colombia; 3,525 lbs, Panama City; (Platano) 7,853 lbs, Porto Cortez; 5,668 lbs, Porto Barrios
THINNER—240 gls, Guayaquil, Panama City; 1,870 gls, Excambion, Haifa; 1,155 gls, Black Tern, Antwerp; (Cabedello) 1,500 gls, Rio Janeiro; 2,000 gls, Santos; 2,200 gls, American Banker, London, 300 gls, Swinburne, Para
PARAFFIN—(Peten) 42,397 lbs, Limon; 40,629 lbs, Havana; (Exiria) 33,612 lbs, Malta; 4,680 lbs, Istanbul; 22,242 lbs, Guayaquil, Porto Colombia; 22,150 lbs, Cubano, Buenos Aires; 22,515 lbs, American Importer, Manchester; 33,972 lbs, President Harding, Hamburg; 194,166 lbs, Conte Savoia Genoa; 21,869 lbs, Rex, Genoa; 34,062 lbs, Black Tern, Antwerp; 22,150 lbs, Uruguayo, Buenos Aires; 135,610 lbs, Caracas, La Guaira; (Chimu) 138,822 lbs, Buenaventura; 30,185 lbs, Pimentel; 45,263 lbs, Pacasmayo; 22,239 lbs, Caledonia, Glasgow; 75,142 lbs, City of Lyons, Shanghai; 22,200 lbs, Deutschland, Hamburg; 33,300 lbs, Saturnia, Trieste; 11,458 lbs, Ulua, La Libertad
REFINED—6,604 lbs, Fredhem, Buenos Aires
SCALE—7,413 lbs, Gerolstein, Antwerp; 61,165 lbs, Caledonia, Glasgow
PECTIN—3,000 lbs, American Banker, London
PETROLATUM, MED—136,681 lbs, Alaunia, London
PETROLEUM, REFD—1,000 gls, Peten, Limon; (Bodnant) 11,000 gls, Dakar; 9,250 gls, Sassandra; 1,500 gls, Port Bouet; 30,000 gls, Saltpond; 15,000 gls, Duala; (Clan Ross) 7,950 gls, Mananzary; 7,100 gls, Tamatave; 8,000 gls, Manakara
POTASH, HYDROXIDE—1,180 lbs, Mayari, Banes
RESIN—28,072 lbs, American Banker, London
COALTAR—1,270 lbs, Gerolstein, Antwerp
SYNTHETIC—1,599 lbs, Alaunia, London; 4,306 lbs, President Harding, Havre
ROSIN—27,256 lbs, American Banker, London
GUM—(Bronxville) 61,383 lbs, Genoa; 14,155 lbs, Naples
SALT—117,739 lbs, Constance Chandler, Honolulu
SOAP—2,204 lbs, Constance Chandler, Honolulu; 9,516 lbs, Manhattan, Havre
LAUNDRY — (Guayaquil) 9,400 lbs, Port Prince; 2,875 lbs, Cristobal; 4,388 lbs, Ulua, Cristobal
POWDER—21,600 lbs, Constance Chandler, Honolulu
SODA ASH—32,600 lbs, Peten, Havana; 45,178 lbs, Oriente, Vera Cruz; 6,520 lbs, Constance Chandler, Honolulu; 6,802 lbs, Gerolstein, Antwerp; (Rigel) 223,440 lbs, Montevideo; 22,648 lbs, Buenos Aires
BENZOATE—11,532 lbs, Uruguayo, Montevideo
BICARBONATE—23,100 lbs, Ulua, Porto Colombia
BICHROMATE—10,875 lbs, Cabedello, Santos; 11,875 lbs, Rigel, Buenos Aires
BISULPHITE—2,270 lbs, Munargo, Havana
CAUSTIC—10,538 lbs, Mayari, Banes; 72,500 lbs, Peten, Havana; 55,115 lbs, Oriente, Vera Cruz; 9,800 lbs, Colombia, Port Prince; 6,555 lbs, Gerolstein, Antwerp; 115,200 lbs, Rigel, Montevideo; (Ulua) 2,340 lbs, Porto Colombia; 10,770 lbs, Corinto; 2,340 lbs, Buenaventura
HYDROSULPHITE—8,862 lbs, Eastern Prince, Buenos Aires
PHOSPHATE, TRI—1,750 lbs, Peten, Havana; 17,626 lbs, Queen Mary, Southampton; 56,560 lbs, American Banker, London
SAL—45,370 lbs, Peten, Havana
SILICATE — (Platano) 9,024 lbs, Santiago; 4,086 lbs, Porto Barrios; 81,972 lbs, Munargo, Havana
SULPHIDE—10,075 lbs, Peten, Havana
STARCH, CORN—19,135 lbs, Constance Chandler, Honolulu; 9,010 lbs, City of Elwood, Manila; (City of Lyons) 3,450 lbs, Manila; 604 lbs, Iloilo
STEARIN, OLEO—12,101 lbs, Queen Mary, Southampton
SULPHUR—2,020 lbs, Haiti, Porto Colombia
CHLORIDE—1,650 lbs, Rigel, Buenos Aires
TALC—60,299 lbs, Munargo, Havana
TALLOW—23,323 lbs, Guayaquil, Porto Barrios
TANNING EXTRACT — 4,095 lbs, Andania, Liverpool; 12,348 lbs, Haiti, Porto Colombia

TANNING MATERIAL—22,610 lbs, Eastern Prince, Buenos Aires
TOLUENE—1,500 gls, Guayaquil, Cristobal
TURPENTINE—(Uruguayo) 2,500 gls, Montevideo; 1,000 gls, Buenos Aires; 550 gls, Clan Ross, Port Natal
UREA, CRYSTAL—20,200 lbs, Black Tern, Antwerp
VARNISH—843 lbs, Saturnia, Zara; 1,140 lbs, Ulua, Porto Colombia
WITCH HAZEL EXTRACT—4,937 lbs, President Roosevelt, Hamburg
WOOD PRESERVER—5,600 lbs, Ulua, Porto Colombia
ZINC DUST—1,250 lbs, Burgos, Ciudad
OXIDE—495 lbs, Andania, Liverpool
STEARATE—2,954 lbs, Munargo, Havana

Baltimore Exports
Clearance Dates

Argentino, February 20; Atlanta City, February 20; Chincha, February 20; City of Hamburg, February 18; Haukefjell, February 20; Jefferson Myers, February 20; Manchester Exporter, February 19; Markhor, February 17; McKeesport, February 20; Nankai, February 20; Robin Gray, February 19; West Cawthon, February 23.

ACID, CHROMIC—2,200 lbs, Haukefjell, Antwerp; 18,900 lbs, McKeesport, Manchester
ALCOHOL, BUTYL — 2,232 lbs, McKeesport, Dublin
ASPHALT, SOLID—43,598 lbs, Manchester Exporter, Liverpool
BUTYL ACETATE — 4,411 lbs, McKeesport, Dublin
CADMIUM LITHOPONE — 112 lbs, City of Hamburg, Havre; 280 lbs, Robin Gray, Port Natal; 112 lbs, Atlanta City, Calcutta
CHARCOAL—231,673 lbs, Chincha, Antofagasta
ETHYL ACETATE — 4,444 lbs, McKeesport, Dublin
GREASE, LUBRICATING—152,037 lbs, Markhor, London; (City of Hamburg, 39,081 lbs, Slough Bucks; 2,970 lbs, Vienna; 2,500 lbs, Argentino, Rio Janeiro; 25,476 lbs, Haukefjell, Antwerp
INSECTICIDE—10,070 lbs, City of Hamburg, Bordeaux; 14,860 lbs, Nankai, Osaka
IRON, PIG—212 tons, Nankai Maru, Osaka
MOLASSES—5,600 gls, McKeesport, Dublin
OIL, CREOSOTE—44,749 lbs, Jefferson Myers, Cristobal
ENGINE—141 bbls, City of Hamburg, Havre
LUBRICATING—(Manchester Exporter), 364 bbls, Liverpool; 7,748 gls, Manchester: 70 dms, 600 cs, Nankai, Osaka; 360 bbls, Markhor, London
PEPPERMINT—1,500 lbs, City of Hamburg, London
PASSION FLOWER HERB—1,028 lbs, City of Hamburg, Havre
POLISH, AUTO—6,940 lbs, West Cawthon, Port Natal
POTASH BICHROMATE—11,200 lbs, McKeesport, Manchester
MURIATE—500 bgs, Robin Gray, Capetown
RUTILE—2,220 lbs, City of Hamburg, Hamburg; 6,720 lbs, McKeesport, Liverpool
SODA, BICHROMATE—15,630 lbs, City of Hamburg, Havre; 36,863 lbs, Haukefjell, Rotterdam; 67,200 lbs, McKeesport, Manchester
CHROMATE—2,200 lbs, City of Hamburg, Luton
SOLDER DROSS—210,144 lbs, Markhor, Avonmouth
STARCH—120,960 lbs, Atlanta City, Bombay
TURPENTINE—(Robin Gray) 12,320 gls, Capetown; 1,100 gls, East London; 588 gls, Port Natal

Beaumont Exports
Clearance Dates

C I P, February 23; Frankenwald, February 17

OIL, LUBRICATING—917 bbls, Frankenwald, Hamburg
PETROLEUM, CRUDE—65,000 bbls, C I P, Havre

Boston Exports
Clearance Dates

American Traveler, February 24; Black Falcon, February 19; Good Luck, March 1; Lady Drake, February 27; Macabi, March 2; Noshira, February 22; Peter Maersk, February 21; President Taft, February 22; San Blas, February 19; Yarmouth, February 24

ACETONE—5 dms, 1,750 lbs, Peter Maersk, Shanghai
ACID, SULPHURIC — 125 dms, 200,000 lbs, Macabi, Banes
ALUMINA SULPHATE — 173,180 lbs, Good Luck, Brooklyn; 80 bbls, 32,000 lbs, President Taft, Manila
ANIMAL DIP—50 dms, 2,750 gls, President Taft, Manila
ASBESTOS FIBER—10,700 bgs, Noshiro, Japan
REFUSE—600 bgs, San Blas, Havana
BLUE, LAUNDRY—3 cs, 180 lbs, Yarmouth, Halifax
BORAX—20 bgs, 2,010 lbs, Yarmouth, Canning
BRISTLES—1 cs, 130 lbs, Yarmouth, St John
CEMENT, RUBBER—2 cs, 2 bbls, San Blas, Havana
SHOE—1 cs, 12 gls, San Blas, Havana
CLAY—220 bbls, 81,640 lbs, American Traveler, Manhcester
CLEANING COMP—5 crtns, 950 lbs, President Taft, Honolulu
COALTAR—10 dms, 4,660 lbs, San Blas, Havana
COCOA BEANS—8,574 bgs, 1,114,685 lbs, Black Falcon, Amsterdam
DRESSING, LEATHER—(Black Falcon) 24 cs, 912 lbs, Wiltz; 2 bxs, 305 lbs, Dison; 6 kgs, 10 cs, 196 crtns, 153 cs, 1 bbl, 925 gls, San Blas Havana
FLUX—2 dms, 2 cans, 286 lbs, San Blas, Havana; 5 dms, 650 lbs, Black Falcon, Antwerp
GLUE—(Black Falcon) 2 ctns, Zaandam; 6 cs, 300 lbs, Amsterdam; 1 ctn, 8 lbs, President Taft, Honolulu
GREASE, SOAP—10 bbls, 4,357 lbs, San Blas, Havana
INK, PRINTING—3 cs, 310 lbs, San Blas, Havana
WRITING—(President Taft) 5 cs, Tientsin; 153 cs, Shanghai; 35 cs, Manila; 5 cs, Honolulu
LACQUER—1 dm, 386 lbs, San Blas, Havana
LINING COMP—1 dm, 481 lbs, San Blas, Havana; 15 dms, 2,886 lbs, Black Falcon, Antwerp
MEDICINAL PREPS—3 straps, 123 lbs, San Blas, Havana; 5 cs, 324 lbs, Lady Drake, Hamilton
MUCILAGE—1 cs, 192 lbs, President Taft, Shanghai
PAINT, ASPHALT—10 bxs, 60 gls, President Taft, Manila
PASTE, STATIONERS'—(President Taft) 4 cs, Manila; 42 pkgs, 2,520 lbs, Honolulu
POLISH, FLOOR—2 cs, 220 lbs, Yarmouth, Charlottetown
POWDER—1 cs, 141 lbs, San Blas, Havana
SHOE—50 bxs, 2,150 lbs, San Blas, Havana
SENNA LEAVES—1 bl, 404 lbs, Yarmouth, St John
SHELLAC—1 pkg, 100 lbs, Yarmouth, St John
COMPOSITION—5 pkgs, 300 lbs, Yarmouth, St John
SOAP, FLAKE—33 cs, 1,110 lbs, San Blas, Havana
POWDER—11 cs, 276 lbs, San Blas, Havana
TOILET—50 cs, 1,219 lbs, San Blas, Havana
SODA, PHOSPHATE—3 kgs, 2 bbls, 950 lbs, Yarmouth, St John
SULPHATE—130 kgs, 90 bbls, 40,000 lbs, San Blas, Havana
TURPENTINE, GUM—30 dms, 1,610 gls, Yarmouth, St John
VANILLA BEANS—2 cs, 214 lbs, Yarmouth, St John
WASHING POWDER — 25 bbls, 8,723 lbs, President Taft, Manila
WAX, SHOE—29 cs, San Blas, Havana

Galveston Exports
Clearance Dates

Abu, February 19; Breedijk, February 17; Tampa, February 20; Tripp, February 20; West Gambo, February 23

BLACK, CARBON—50 cs, Breedijk, Amsterdam
BORAX—(Breedijk) 3,000 bgs, London; 11,000 bgs, Rotterdam; 1,500 bgs, Amsterdam; 190 tons, Tampa, Gdynia
GASOLINE—9,400 tons, Abu, Vado
SULPHUR — 40 tons, Tampa, Copenhagen; 2,150 tons, West Gambo, London; 2,300 tons, Tripp, Manchester

Houston Exports
Clearance Dates

Cordelia, February 19; Duivendrecht, February 23; Labette, February 17; Mongioia, February 20; Montreal, February 18; Rancella, February 20; Tampa, February 19; Velma Lykes, February 17

BLACK, CARBON—1,100 bgs, Labette, Genoa; (Montreal) 35 tons, Yokohama; 11 tons, Osaka; 1 ton, Kobe-Osaka; 23 tons, Darien; 16 tons, Tientsin; 16 tons, Shanghai; 9 tons, Saigon; 1 ton, Chinnampo; (Tampa) 75 cs, Oslo; 85 cs, Copenhagen; 110 cs, Gdynia; 400 bgs, Mongioia, Genoa
GASOLINE, STABILIZED—8,000 tons, Duivendrecht, United Kingdom
OIL, GAS—(Ranella) 1,200 tons, Bruges; 2,300 tons, Antwerp; 2,700 tons, Holland
LUBRICATING—75 dms, Montreal, Yokohama
PETROLEUM, CRUDE—9,200 tons, Cordelia, Donges

Lake Charles Exports
Clearance Date

Prusa, February 16

ROSIN—50 bbls, Prusa, Antwerp

Los Angeles Exports
Clearance Dates

Brajara, February 15; Cuba, February 10; F H Hillman, February 20; Ferncastle, February 20; Koyei, February 10; Monterey, February 10; Nippon, February 15; Pacific Pioneer, February 15; President Wilson, February 10; Silverteak, February 11; Teiyo, February 18; West Nilus, February 11

ACID, BORIC—(President Wilson) 510 bgs, 62,720 lbs, Shanghai; 75 kegs, 8,400 lbs, Hongkong; 6 cks, 1,340 lbs, Monterey, Melbourne
CITRIC—3,980 lbs, President Wilson, Manila
ASPHALT—40 dms, 13,840 lbs, Cuba, Guayaquil; 100 bgs, 10,800 lbs, West Nilus, San Fernando
BLACK, CARBON — 11,250 lbs, Monterey, Sydney
BORATE—(Monterey) 1,080 bgs, 111,610 lbs, Auckland; 2,220 bgs, 221,200 lbs, Sydney
BORAX—(President Wilson) 5,440 bgs, 626,080 lbs, Shanghai; 700 sks, 134,400 lbs, Hongkong; 1 ck, 220 lbs, Monterey, Melbourne
POWDERED—200 bgs, 22,400 lbs, Monterey, Sydney
CLAY, FILTER—8,960 lbs, Monterey, Auckland
GROUND—(Pacific Pioneer) 200 sks, 22,400 lbs, London; 200 bgs, 22,400 lbs, Manchester; (West Nilus) 200 bgs, 20,300 lbs, San Fernando; 62,980 lbs, Port of Spain
CLEANSER—(President Wilson) 12,240 lbs, Shanghai; 1,270 lbs, Singapore
GASOLINE—76,720 bbls, 20,023,920 lbs, Ferncastle, Yokohama-Itosaki
GREASE, LUBRICATING—17 dms, 3,940 lbs, Cuba, Guayaquil
GYPSUM, CALCINED—67,200 lbs, Monterey, Auckland
INFUSORIAL EARTH — 20,160 lbs, Pacific Pioneer, London
KEROSENE—600 cs, Cuba, Puntarenas; 37,812 bbls, 10,776,420 lbs, Ferncastle, Yokohama-Itosaki
LACQUER—(President Wilson) 280 lbs, Bombay; 2,270 lbs, Shanghai; 10,400 lbs, Manila
PRIMER—(President Wilson) 120 lbs, Bombay; 840 lbs, Manila
THINNER—(President Wilson) 1,310 lbs, Bombay; 3,460 lbs, Shanghai; 3,400 lbs, Manila
LARD—60,000 lbs, West Nilus, San Juan
METHYL CHLORIDE—360 lbs, President Wilson, Manila
MINERAL SPTS—34 cs, 6 dms, 5,160 lbs, Cuba, Puntarenas; 50 dms, 20,170 lbs, West Nilus, Buenos Aires
OIL, DIESEL—14,373 bbls, 4,484,380 lbs, Brajara, Yokohama; 10,012 bbls, 3,123,740 lbs, Koyei, Nagoya; 2,802 bbls, 874 220 lbs, Ferncastle, Yokohama; 30,122 bbls, 9,398,060 lbs, Capella, Antofagasta; 8,460 bbls, 2,639,520 lbs, Captain A F Lucas, Guaymas
FUEL—79,235 bbls, 26,391,910 lbs, Nippon, Kure; 59,248 bbls, 19,789,520 lbs, Capella, Tocopilla
GAS—2,874 bbls, 867,950 lbs, Silverteak, Manila; 102,450 bbls, 30,939,900 lbs, F H Hillman, Curacao
LEMON—1,000 lbs, Pacific Pioneer, Manchester
LUBRICATING—26 dms, 12,800 lbs, President Wilson, Singapore
MACHINE—350 lbs, President Wilson, Manila
PAINT—10,910 lbs, President Wilson, Shanhai; (Cuba) 1,060 lbs, Buenaventura: 2,760 lbs, Callao
PREPARED—23,580 lbs, President Wilson, Manila
PECTIN—400 lbs, Pacific Pioneer, Liverpool
PETROLEUM, CRUDE—85,845 bbls, 26,783,640 lbs, Teivo, Tokuyama; 62,722 bbls, 19,569,260 lbs, Albertolite, Vaucouver
ROSIN, GUM—12,270 lbs, Monterey, Sydney
WOOD—9,880 lbs, Monterey, Auckland
SODA, CAUSTIC, SOLID—125 dms, 88,760 lbs, Cuba, Buenaventura
SILICATE—600 bgs, 65,480 lbs, West Nilus, Buenos Aires
TALC—600 sks, 60,000 lbs, Pacific Pioneer, London
TOILET PREPS—(President Wilson) 1,000 lbs, Bombay; 3,000 lbs, Manila
VARNISH—110 lbs, Monterey, Suva

New Orleans Exports
Clearance Dates

Augsburg, January 9; Baja California, December 4; 18; January 2; Castilla, December 21; 31; Cordelia, February 15; Cranford, January 29; P N Damm, February 1; Erlangen, February 6; Floride, February 10; Gansfjord, December 23; Lindvangen, February 3; Lysefjord, December 16; January 7; Metapan, December 14; 24; Monrosa, February 3; Port Antonio, December 9; 29; Santos, February 8; Sapinero, January 30; Sinaloa, December 11; 26; Sixaola, December 12; 28; Tivives, December 8; 17; January 4; Woensdrecht, February 10; Zenda, February 1

ACID, BORIC—36 sx, Erlangen, Sydney
AMMONIA SULPHATE—40 sks, Erlangen, Sydney
APRICOT PITS—1,101 sks, P N Damm, Gdynia
ASPHALT—61 dms, Baja California, Bluefields; 54 tons, Floride, Havre; (Augsburg), 358 sx, Sydney; 12 dms, Melbourne
BAKING POWDER—100 ctns, Castilla, Tela
BENZOL—2,200 tons, Cordelia, Rouen
BLACK CARBON—71 tons, Sapinero, Liverpool; (Cranford) 16 tons, Hamburg; 16 tons, Bremen/Hamburg; (Erlangen); 431 cs, 330 sks, Sydney; 156 cs, Melbourne; (Augsburg) 405 sks, 181 cs, Sydney; 63 cs, 1,314 sks, Melbourne; 5 cs, Adelaide; (Santos) 13 tons, Yokohama; 47 tons, Kobe; 23 tons, Yokohama/Kobe/Osaka; 36 cs, P N Damm, Gdynia; (Floride) 121 tons, Havre; 14 tons, Dunkirk; 7 tons, Antwerp
BONES, THIGH—44 tons, Santos, Osaka
BORAX—543 sks, Erlangen, Sydney; 212 tons, Floride, Havre
CALCIUM ARSENATE—(Sixaola) 200 ctns, La Union; 150 dms, Callao; 600 dms, Pisco; 100 dms, Tivives, Callao; (Metapan) 600 dms, Mazatlan; 50 dms, Pisco; 200 dms, Castilla, Pisco
PHOSPHATE—25 bbls, Sixaola, Havana
CATTLE HOOFS—50 tons, Cranford, Hamburg
CLAY—28 tons, Sapinoro, Liverpool
FILTER—45 tons, Floride, Havre
GROUND—(Cranford) 54 tons, London; 4 tons, Hamburg
COTTONSEED HULL, PULP—160 tons, Sapinero, Liverpool
MEAL—12 sks, Port Antonio, Puerto Castilla
DISINFECTANT—2 tons, Sixaola, Puerto Barrios
DISTILLATE—150 dms, Castilla, Tela
EARTH—1 ton, Castilla, Havana
FERTILIZER—30 sks, Lysefjord, Kingston
FIRECLAY—50 dms, Erlangen, Sydney; 200 sks, 2 dms, Sixaola, Havana; 16 tons, Santos, Yokohama; 4 tons, Tivives, Puerto Colombia; 10 dms, Metapan, Guayaquil; 150 sks, Zenda, San Nicholas; 10 dms, Castilla, Guayaquil
& BRICK—(Sixaola) 22 tons, Panama: 106 tons, Puerto Barrios; 63 tons, Lysefjord, Santiago
FOOD CURING, COMP—10 dms, Sixaola, Havana
FULLERS EARTH—3,200 sks, Tivives, Talara
GASOLINE—9 tons, Cranford, London; 100 cs, 140 dms, Baja California, Bluefields; (Port Antonio) 500 cs, 535 dms, Puerto Barrios; 175 dms, 270 cs, Puerto Cortez; 30 dms, 400 cs, Tela; 200 dms, 200 cs, Puerto Castilla; 56 dms, Sinaloa, Bluefields; (Lysefjord) 525 dms, Puerto Barrios; 325 dms, 400 cs, Belize; 20 dms, Livingston; 75 dms, Gansfjord, Puerto Barrios; (Woensdrecht) 2,793 tons, Thameshaven; 2,500 tons, Ellesmereport; 585 tons, Ellesmereport-Thameshaven
GLUCOSE—15 bbls, Sixaola, Havana
GREASE, LUBRICATING—25 dms, Sixaola, Havana; 14 dms, Port Antonio, Belize; 80 cs, 13 qtr dms, Metapan, Havana
INFUSORIAL EARTH—6 tons, Sapinero, Liverpool; (Erlanger) 112 sx, Sydney; 22 sx, Adelaide; 200 sx, Port Antonio, Santiago; (Floride) 95 tons, Havre; 10 tons, Antwerp
INK—22 dms, Sixaola, Havana; 8 dms, Tivives, Havana; 15 dms, Metapan, Havana; 30 dms, Castilla, Callao
PRINTING—1 ton, Santos, Hongkong
INSECTICIDE—1 ton, Tivives, Guayaquil; 10 dms, Metapan, Puntarenas; 1 ton, Sixaola, Puerto Barrios
KEROSENE—315 cs, 10 dms, Baja California, Bluefields; (Port Antonio) 800 cs, 120 dms, Kingston; 575 cs, Puerto Castilla; 9 dms, Sinaloa, Bluefields; (Lysefjord) 800 cs, 120 dms, Kingston; 150 dms, Belize; 100 cs, Lindvangen, Bridgetown; (Gansfjord) 400 cs, Kingston; 25 dms, Puerto Barrios; (Sixaola) 75 cs, Puerto Limon; 50 dms, Puerto Barrios; 26 dms, 305 cs, Castilla, Puerto Limon; (Tivives) 75 cs, Puerto Limon; 600 cs, Tela
LARD—(Sixaola) 15 crtns, 100 tins, 125 dms, Havana; 100 tins, Panama; 20 crts, Sinaloa, Bluefields; 100 tins, Metapan, Belize; (Lysefjord) 260 dms, 125 tins, Santiago; 55 tins, Belize; 475 tins, 500 dms, Tivives, Havana; 400 dms, Gansfjord, Santiago; 5 crts, 700 tins, 350 dms, Metapan, Havana; 455 dms, 95 crts, 100 tins, Port Antonio, Santiago; 10 crts, 550 tins, 350 dms, Castilla, Havana; 15 crts, Baja California, Bluefields
SUBSTITUTE—25 cs, Sixaola, Colon
LEAD, RED—20 kgs, Baja California, Bluefields
OIL, FUEL—90 dms, Baja California, Bluefields; (Tivives) 90 dms, Puerto Barrios; 25 cs, Puerto Limon; (Port Antonio) 175 dms, Belize; 50 dms, Puerto Barrios; 50 dms, Sinaloa, Bluefields: (Lysefjord) 400 dms, Belize; 50 dms, Puerto Barrios; 50 dms, Castilla, Tela; (Gansfjord) 50 dms, Belize; 50 dms, Puerto Barrios; 50 dms, Sixaola, Puerto Barrios
GAS—20 dms, Lysefjord, Belize
LUBRICATING — 50 dms, Erlangen, Melbourne; (Augsburg) 15 dms, Brisbane; 120 dms, Sydney; 10 dms, Melbourne; 20 dms, Adelaide; 10 dms, Baja California, Bluefields; 30 dms, Sixaola, Havana; 2 dms, Sinaloa, Bluefields; (Santos) 94 tons, Yokohama; 90 tons, Osaka; 10 tons, Moji; 15 dms, Tivives, Havana; (Metapan) 25 dms, Havana; 8 dms, Mollendo; (Monrosa) 60 bbls, Oran; 264 bbls, Algiers; 351 bbls, Genoa; (Floride) 129 tons, Havre; 17 tons, Dunkirk; 14 tons, Antwerp; 2 dms, Port Antonio, Puerto Cortez
PINE—6 dms, Tivives, Amapala
OIL-TREATING COMP—24 tons, Castillo, Cartagena
PAINT—32 cs, Sixaola, Buenaventura; 19 cs, Castilla, Puerto Barrios; 1 ton, Tivives, Havana; 2 tons, Metapan, Buenaventura
PETROLATUM—58 tons, Floride, Antwerp
PETROLEUM—1 ton, Sapinero, Liverpool
REFINED—600 cs, 50 dms, Port Antonio, Puerto Barrios; (Lysefjord) 200 cs, Belize; 400 cs, Puerto Barrios; 25 cs, Tivives, Port Limon
PINETAR — 20 dms, Erlangen, Sydney; 20 dms, Augsburg, Sydney
PITCH—5 bbls, Augsburg, Melbourne
POLISH, LIQ—2 tons, Tivives, Havana
PRESERVER, WOOD—10 dms, Lindvangen, Port of Spain
ROSIN—8 dms, Erlangen, Sydney; (Sixaola) 50 dms, 100 bbls, Havana; 15 dms, Puerto Limon; (Tivives) 10 dms, Puntarenas; 40 dms, Buenaventura; 150 dms, Puerto Colombia; 200 dms, Valparaiso; 10 dms, Puntarenas; 80 dms, Buenaventura; 50 dms, Castilla, Puerto Limon; (Metapan) 165 bbls, Panama; 50 dms, Puerto Limon; 10 dms, Puntarenas; 80 dms, Buenaventura
GUM—20 sks, Tivives, Cartagena; (Metapan) 100 sks, Cartagena; 100 sks, Puerto Colombia; 50 bbls, Castilla, Havana
WOOD—100 dms, Sixaola, Talcahuano; 26 dms, Tivives, Panama; 100 dms, Metapan, Havana
SALT—(Erlangen) 179 sks, Sydney; 112 sks, Melbourne; (Augsburg) 500 cs, Sydney; 200 cs, Adelaide; 100 cs, Fremantle; (Tivives) 1 ton, Puerto Barrios; 1 ton, Tela; (Gansfjord) 24 tons, Belize; 22 tons, Santiago; (Metapan) 112 tons, Havana; 48 tons, Cristobal; 5 tons, Port Antonio, Santiago; 25 tons, Castilla, Havana; (Lysefjord) 2 tons, Santiago; 2 tons, Belize
ROCK—40 tons, Augsburg, Sydney
SOAP—300 ctns, Sinaloa, Bluefields
SHRIMP BRAN—100 sks, Castilla, Panama
SODA, CAUSTIC — 65 dms, Port Antonio, Santiago
NITRATE—2,250 sks, Gansfjord, Kingston
TANNING EXTRACT — 400 sks, Tivives, Havana
TRIPOLI—300 sks, Erlangen, Sydney
PULVERIZED—15 sks, Sixaola, Havana
TURPENTINE—(Gansfjord) 5 dms, Santiago; 4 dms, Kingston; 6 dms, Port Antonio, Kingston
GUM—(Augsburg) 50 cs, Brisbane; 5 cs, Sydney; 50 cs, Melbourne
WOOD—5 dms, Augsburg, Fremantle
UREA—303 sks, Gansfjord, Kingston
WAX—204 sks, Erlangen, Sydney; 1 dm, Augsburg, Melbourne
SCALE—22 tons, Cranford, Hamburg

Norfolk Exports
Clearance Dates

City of Baltimore, February 12; Delaware, February 13; Penrith Castle, February 15; Spaarndam, February 15.

BLACK HAW TREE BARK—2 bls, City of Baltimore, London
BONE, SCRAP—2,420 bgs, 6,949 lbs, Spaarndam, Rotterdam
CHERRY BARK—7 bgs, City of Baltimore, London
COHOSH ROOT, BLUE—1,268 lbs, City of Baltimore, London
CORN FLOUR—440 bgs, Penrith Castle, Manila
SYRUP—90 bbls, Penrith Castle, Manila
COTTON ROOT BARK—2 bls, City of Baltimore, London
DRUGS—10 bgs, 1,140 lbs, City of Baltimore, London
GELSENIUM ROOT—1 bl, City of Baltimore, London
MANDRAKE ROOT—98 bgs, 10,929 lbs, Beemsterdyk, Rotterdam (erroneously listed March 1 as going to Oslo on the Delaware)
MEDICINAL PREPS—40 pkgs, City of Baltimore, Bremen
MICA, PULV—50 bgs, 5,050 lbs, City of Baltimore, Hamburg
POTASH MURIATE—160 bgs, 15 tons, Spaarndam, Rotterdam
STARCH, CORN—470 bgs, Penrith Castle, Manila
TANNING EXTRACT, POWD—150 bgs, 22,500 lbs, City of Baltimore, Hamburg; 45 bgs, Delaware, Oslo; 269 bgs, 40,350 lbs, Spaarndam, Rotterdam
WILD CHERRY BARK—8 bls, City of Baltimore, London

Philadelphia Exports
Clearance Dates

Argentino, February 23; Argosy, February 18; Black Falcon, February 22; Chincha, February 25; Chinese Prince, February 24; Dromore Castle, February 23; Exchester, February 24; Hammaren, February 19; Hoegh Transporter, February 20; Independence Hall, February 24; Livenza, February 19; Markhor, February 24; McKeesport, February 16; Nankai, February 18; Noshiro, February 25; Ossag, February 20; Phemius, February 19; San Rafael, February 20; Scanstates, February 20; Swinburne, February 18

ACETONE—60 dms, Markhor, London
ACID, PHOSPHORIC—16 bbls, Hammaren, Stockholm
ALCOHOL—28 dms, Nankai, Yokohama
BUTYL—10 dms, Exchester, Marseilles
ALUMINA SULPHATE—(San Rafael) 100 dms, Cartago; 750 bgs, Barranquilla
AMMONIA, NITRATE—500 dms, Chincha, Antofagasta
BENZOL—50 dms, Cubano, Buenos Aires
BLACK, BONE—10 bgs, Argosy, Copenhagen; (Scanstates) 140 bgs, Gothenburg; 65 bgs, Copenhagen
BUTYL ACETATE—172 dms, Markhor, London
CALCIUM CHLORIDE—2 cs, San Rafael, Barranquilla
CASSAVA FLOUR—54 bgs, McKeesport, Glasgow
CEMENT, BELT—1 cs, Nankai, Yokohama
GASKET—3 cs, Phemius, Singapore; 2 cartons, San Rafael, Panama City
CHLORINE, LIQ—1 cyl, San Rafael, Cristobal
COCOA BEANS—15 bgs, Black Falcon, Amsterdam
BUTTER—10 cs, Nankai, Yokohama; 225 cartons, Noshiro, Yokohama
CAKE—405 bgs, Black Falcon, Amsterdam
WASTE—2,341 bgs, Black Falcon, Amsterdam
COTTON LINTERS—150 bls, Livenza, Genoa; 119 bls, Exchester, Genoa
DISINFECTANT—6 dms, San Rafael, Panama City
DYEWOOD EXTRACT, DRY—(Cubano) 20 bxs, Rio de Janeiro; 1 bbl, Santos
ETHYL FLUID—5 dms, Black Falcon, Antwerp; 40 dms, Independence Hall, Havre; 23 dms, 23 dms, Markhor, London
FIRECLAY—80 dms, 50 bgs, Cubano, Buenos Aires
GASOLINE—(Swinburne) 3,600 cs, Macelo; 200 cs, 200 dms, Maranhao; 6,000 cs, Pernambuco; 1,500 cs, 200 dms, Para; 500 dms, 3,000 cs, Ceara; 4,000 cs, Natal; 3,000 cs, Bahia; 700 cs, Iquitos; (Dromore Castle) 100 cs, Port Elizabeth; 100 cs, East London; 2,000 cs, Durban; 2,300 cs, Beira
GLUE, FLEXIBLE—1 bx, Argosy, Copenhagen
GREASE, LUBRICATING—17 dms, 1 bx, Argosy, Stockholm; (Swinburne) 60 cs, Macelo; 20 cs, Maranhao; 2 dms, Nankai, Kobe; 7 dms 11 cs, 55 pails, Phemius, Bangkok; (Argentino) 10 kegs, 30 pails,

GREASE, LUBRICATING (Continued):—
Santos; 30 cs, Buenos Aires; (Dromore Castle) 5 dms, 107 buckets, 20 cs, Capetown; 20 cs, Port Elizabeth; 50 cs, East London; 20 cs, 25 dms, 75 buckets, Durban; 50 cs, 40 dms, 30 buckets, Lourenco Marques; 10 cs, 15 buckets, Beira; (Scanstates) 50 dms, Gothenburg; 3 dms, Stockholm; 10 dms, Black Falcon, Antwerp; 2 dms, 3 kegs, 13 pails, 3 cs, Independence Hall, Havre; 51 dms, Markhor, London

ILMENITE—100 bgs, McKeesport, Manchester

INSECTICIDE—5 cs, Phemius, Singapore; 1 crtn, San Rafael, Panama City

KEROSENE—(Swinburne) 2,500 cs, Maceio; 2,300 cs, Maranhao; 6,000 cs, Pernambuco; 2,000 cs, Para; 2,000 cs, Ceara; 1,000 cs, Natal; 8,000 cs, Bahia; 700 cs, Iquitos

LICORICE MASS (Argosy) 10 cs, Copenhagen; 15 cs, Stockholm; 8 cs, Cubano, Rio de Janeiro; 180 cs, 5 dms, Markhor, London
PASTE—25 cs, Argentino, Buenos Aires

LINSEED CAKE—3,773 bgs, Black Falcon, Rotterdam-Antwerp

MINERAL SPTS—(Dromore Castle) 20 cs, Port Elizabeth; 20 cs, 10 bbls, East London; 20 cs, 150 bbls, Durban; 15 cs, Lourenco Marques; 15 cs, Beira

OIL, GAS—100 dms, Swinburne, Maranhao
ILLUMINATING—40 bbls, Argosy, Copenhagen; (Dromore Castle) 1,000 cs, Capetown; 200 cs, Port Elizabeth; 100 cs, East London; 1,000 cs, Beira
LUBRICATING—(Argosy) 44 dms, 50 bbls, Gothenburg; 50 bbls, Copenhagen; 50 bbls, Gdynia; 10 bbls, 156 dms, Stockholm; 99 dms, 35 hlf-dms, 15 qr-dms, 11 pkgs, 5 bbls, Helsingfors; (McKeesport) 420 bbls, 25 dms, Manchester; 100 dms, Liverpool; 1,044,468 gls, Ossag, Hamburg; (Swineburne) 15 dms, 40 cs, 3 buckets, Maceio; 75 dms, 2 bbls, 2 cs, 7 crtns, 3 buckets, Maranhao; 30 dms, 350 crnts, Pernambuco; 100 cs, Ceara; 10 dms, 5 cs, 3 buckets, Natal; 10 pkgs, 25 dms, Para; 12 dms, Iquitos; 171 pkgs, Bahia; (Nankai) 153 dms, Yokohama; 20 dms, Osaka; 45 dms, Moji; 282 dms, Kobe; (Hammaren) 161 crtns, 65 dms, Stavanger; 25 dms, 1,017 pkgs, Gothenburg; 333 pkgs, Malmo; 40 pkgs, Norrkoping; 775 pkgs, Stockholm; 95 pkgs, Helsingborg; 35 pkgs, Sundsvall; 597 pkgs, Helsinki; (Phemius) 295 dms, 243 pkgs, Penang; 150 pkgs, Singapore; 148 pkgs, Port Swettenham; 178 dms, 416 pkgs, Bangkok; 33 dms, 1,213 pkgs, Batavia; 325 pkgs, Palembang; 16 pkgs, Padang; 319 pkgs, Medan; 437 pkgs, Samarang; 1,203 pkgs, Sourabaya; 43 pkgs, Silbolga; 205 pkgs, Macassar; 131 pkgs, Hoegh Transporter, Bos Brod; (Livenza) 26 dms, 126 bbls, 4,790 pkgs, Genoa; 106 dms, 150 pkgs, Naples; (Cubano) 8 pkgs, Santos; 433 pkgs, Port Alegre; 65 dms, Buenos Aires; 23 crtns, San Rafael, Panama City; (Argentino) 149 dms, 140 cs, Santos; 176 pkgs, Montevideo; 160 pkgs, Buenos Aires; (Exchester) 50 cs, 15 dms, Tripoli; 60 bbls, Marseilles (Dromore Castle) 570 cs, 5 dms, Capetown; 324 dms, 105 cs, Port Elizabeth; 110 cs, 210 dms, East London; 1,100 dms, 120 cs, 50 pkgs, Durban; 520 dms, 525 cs, Lourenco Marques; 200 dms, 105 cs, Beira; (Scanstates) 194 dms, Gothenburg; 28 bxs, 19 dms, Stockholm; 10 dms, 24 bxs, 1 crate, Helsingfors; (Black Falcon) 25 dms, 60 bbls, Antwerp; 1,575 bbls, Rotterdam; (Independence Hall) 85 bbls, Havre; 200 bbls, Bordeaux; 2,963 bbls, Chinese Prince, Shanghai; (Noshiro) 4 pkgs, Moji; 221 pkgs, Kobe; 221 pkgs, Yokohama; 15 pkgs, Osaka; 10 pkgs, Tientsin; 4 pkgs, Dairen; 135 pkgs, 125 dms, 334 bbls, 2 cs, Markhor, London

MINERAL COLZA—150 pkgs, Dromore Castle, Durban

NEATSFOOT—3 dms, Argentino, Santos; 16 bbls, Exchester, Marseilles; 6 dms, Black Falcon, Basle; 5 bbls, Independence Hall, Bordeaux

TANNERS—3 kgs, Exchester, Marseilles

PAINT — 1 bx, Argosy, Stockholm; 4 cs, Phemius, Sourabaya; 15 cs, San Rafael, Cristobal

PARAFFIN — 142 bbls, Argosy, Helsingfors (McKeesport) 294 bbls, Manchester; 168 bbls, Dublin; 167 bbls, Liverpool; 84 bbls, Glasgow (Hammaren) 120 bgs, Riga; 25 bgs, Memen; 420 bbls, Gothenburg; (Hoegh Transporter) 42 bbls, San Giovanni de Medua; 50 bgs, Santi Quarante; 100 bgs, Exchester, Genoa
REFINED—20 dms, Argosy, Copenhagen; 255 bgs, McKeesport, Liverpool; 276 bgs, Nankai, Dairen; 381 bgs, Argentino, Buenos Aires; 551 bgs, Noshiro, Dairen

PETROLATUM—30 dms, 25 cs, McKeesport, Liverpool

POLISH—1 cs, Nankai, Yokohama

FURNITURE—58 cartons, San Rafael, Panama City
METAL—5 cartons, San Rafael, Panama City

RESIN, COALTAR—5 dms, Hammaren, Helsinki; 5 dms, Independence Hall, Havre; 15 dms, Markhor, London

RUBBING COMP—1 cs, San Rafael, Panama City

SAND, FILTER — (Nankai) 8 dms, Yokohama; 100 bgs, Kobe

SILICA—200 bgs, Markhor, London

SOAP—4 cartons, San Rafael, Panama City
LAUNDRY—300 bxs, McKeesport, Glasgow; 600 bxs, Markhor, London

SODA ASH—1 dm, Nankai Maru, Kobe
CYANIDE—10 dms, Scanstates, Stockholm

TALC, CRUDE—22 bgs, Hoegh Transporter, Trieste

TANNING EXTRACT, LIQ—15 bbls, McKeesport, Belfast

TITANIUM ORE—19 bbls, Scanstates, Gothenburg

TRINITROTOLUOL—1,455 cs, Chincha, Antofagasta

VERMIFUGE—5 cartons, Phemius, Singapore

WAX, FLOOR—2 cs, San Rafael, Panama City

Port Arthur Exports
Clearance Dates

Benedick, February 18; Cathlamet, February 13; Grena, February 19; Shenadoah, February 16; Velma Lykes, February 18

ASPHALT—5 dms, Velma Lykes, Mayaguez
LIQUID—1 bx, Velma Lykes, San Juan
PETROLEUM—(Cathlamet) 1 bx, Accra; 30 dms, Takoradi; 150 dms, Shenandoah, San Juan; 5 bbls, 330 dms, Grena, Amsterdam
SOLID—200 dms, Velma Lykes, San Juan

CLEANING FLUID, DRY—5 dms, Shenandoah, San Juan

GASOLINE—(Cathlamat) 3,000 cs, Marshall; 8,466 cs, Lagos; 3,050 cs, Cape Coast Castle; 6,800 cs, Accra; 1,000 cs, St Vincent; 400 dms, 4,000 cs, Dakar; 2,000 cs, Cotonou; 4,100 cs, 150 dms, Duala; 7,400 cs, Takoradi; 1,500 cs, 120 dms, Lome; 3,500 cs, Freetown; 6,850 cs, Port Bouet; 3,000 cs, Port Harcourt; 1,500 cs, Sapele; 3,000 cs, Kribi; 4,500 cs, Salt Pond; 1,000 cs, Monrovia; 2,000 cs, Conakry; 2,500 cs, Sassandra; 2,000 cs, Winnebah; (Shenandoah) 2,250 bbls, 300 cs, San Juan; 32,540 bbls, 300 cs, San Juan-Guayanilla; (Grena) 10 dms, 29,620 bbls, Amsterdam; 43,508 bbls, Thameshaven

GREASE, LUBRICATING—(Cathlamet) 3 cs, Lagos; 10 dms, 10 cs, Kumasi; 5 dms, Cape Coast Castle; 15 dms, 31 cs, Accra; 30 dms, 25 cs, Dakar; 10 dms, 60 cs, Duala; 20 cs, 10 dms, Takoradi; 5 dms, Lome; 32 cs, Freetown; 300 cs, Port Bouet; 297 bbls, Santa Cruz de Teneriffe; 100 cs, Conakry; 10 cs, Sassandra; (Velma Lykes) 5 dms, 10 cs, Mayaguez; 25 dms, Jobos; 10 hf bbls, Guayanilla; 13 cs, 4 pls, Aguadilla; 2 cs, Fajardo; 5 cs, Arecibo; 65 cs, 15 dms, San Juan; 22 cs, 13 pls, Ponce; 108 dms, 66 cs, Grena, Amsterdam

KEROSENE—(Cathlamet) 3,800 cs, Lagos; 1,100 cs, Cape Coast Castle; 5,750 cs, Accra; 4,500 cs, Dakar; 1,000 cs, Cotonou; 1,000 cs, Duala; 3,250 cs, Takoradi; 4,750 cs, Freetown; 4,000 cs, Port Bouet; 1,000 cs, Kribi; 1,550 cs, Salt Pond; 800 cs, Sapele; 2,000 cs, Calabar; 1,000 cs, Monrovia; 1,000 cs, Conakry; 1,000 cs, Sassandra; 1,550 cs, Winnebah; (Shenandoah) 1,700 cs, San Juan; 7,020 bbls, 2,500 cs, San Juan-Guayanilla; (Velma Lykes) 1,610 cs, Mayaguez; 300 cs, Guayanilla; 900 cs, Aguadilla; 400 cs, Fajardo; 1,100 cs, Arecibo; 3,100 cs, San Juan; 1,800 cs, Ponce; (Grena) 20,843 bbls, Amsterdam; 3,879 bbls, Thameshaven

OIL, DIESEL—(Cathlamet) 200 dms, Lagos; 10 dms, Cape Coast Castle; 650 dms, Accra; 20 dms, St Vincent; 200 dms, Cotonou; 180 dms, Freetown; 250 dms, Port Bouet; 50 dms, Sassandra; 140 dms, Winnebah; (Shenandoah) 119 bbls, San Juan; 7,869 bbls, San Juan-Guayanilla; 124 dms, Velma Lykes, Jobos

LUBRICATING—(Cathlamet) 150 dms, 33 cs, Lagos; 60 dms, 10 cs, Kumasi; 40 dms, Cape Coast Castle; 190 dms, 11 cs, Accra; 60 dms, 80 cs, Dakar; 60 dms, Cotonou; 10 dms, 60 cs, Duala; 15 cs, 45 dms, Takoradi; 20 dms, Lome; 5 dms, 50 cs, Freetown; 100 dms, 200 cs, Port Bouet; 6,800 dms, Santa Cruz de Teneriffe; 13 dms, Monrovia; 100 cs, Conakry; 10 dms, Winnebah; (Shenandoah) 30 dms, San Juan; 195 dms, San Juan-Guayanilla; (Velma Lykes) 19 dms, 29 cs, Mayaguez; 26 bbls, Guayanilla; 8 cs, Aguadilla; 5 dms, Fajardo; 5 dms, 4 cs, Arecibo; 257 dms, 253 cs, San Juan; 93 dms, 115 cs, Ponce; 40 bbls, 18 dms, 20 cs, Grena, Amsterdam; 124 dms, Jobos

PETROLEUM, CRUDE—77,330 bbls, Benedick, Bordeaux

SOLVENT, CLEANING—5 dms, Shenandoah, San Juan
PAINT—20 cs, Velma Lykes, San Juan

WAX—7,168 bgs, Cathlamet, Santa Cruz de Teneriffe

San Francisco Exports
Clearance Dates

Admiral Halstead, February 16; Brimanger, February 13; Canada, February 15; Chiriqui, February 13; Fella, February 13; General Pershing, February 9; General Sherman, February 13; Golden Coast, February 13; Golden Tide, February 15; Gregalia, February 11; Hawaiian Standard, February 16; Kosei, February 10; Kokai, February 15; Lacklan, February 10; Lincoln Ellsworth, February 11; President Grant, February 16; President Lincoln, February 13; President Monroe, February 13; Rigmor, February 13; Tatekawa, February 10; Wairuna, February 11

ACID, SULPHURIC—35 cbys, Golden Tide, Hongkong; 70 cbys, Admiral Halstead, Manila

AMMONIA, ANHYD—30 cyls, President Monroe, Singapore

APRICOT KERNELS—(Brimanger) 150 sks, England; 25 sks, France; 50 sks, Holland

ASPHALT—(President Monroe) 2,340 bbls, Singapore; 3 dms, Bahrein; 300 dms, Shanghai; 25 dms, Manila; (Golden Tide) 236 dms, Yokohama; 656 bbls, Saigon; 100 dms, Hongkong; 1,788 dms, Admiral Halstead, Manila
EMULSIFIED—112 dms, Fella, Cristobal

GRITS—259 sks, Brimanger, France

BARIUM PEROXIDE—7 dms, Golden Coast, Australia

BENZOL—6 dms, Golden Tide, Hongkong

BLEACHING POWDER—1 cs, President Monroe, Cavite

CALCIMINE—3 cs, President Monroe, Madras

CARBON—35 cs, 67 sks, Golden Tide, Yokohama

CATTLE HOOFS—134 sks, President Monroe, Osaka; 1 cs, Golden Coast, Australia

CEMENT, VULCANIZING—6 cs, President Lincoln, Havana

CHEMICALS, BOILER—(President Monroe) 5 dms, 2 hlf dms, Shanghai; 5 dms, Manila
LEATHER—5 cs, President Monroe, Manila

CLAY, VITRIFIED—1,440 pcs, President Monroe, Manila

COALTAR INTERMEDIATES—15 cs, Golden Tide, Saigon

COLLODION—47 cs, Golden Tide, Hongkong

COLOR, CADMIUM—1 bbl, President Monroe, Osaka
DRY—(President Monroe) 33 bbls, Manila; 2 hlf bbls, Kobe; 8 cs, Bombay

DENTIFRICE—1 cs, President Monroe, Hongkong

DISTILLATE, PETROLEUM—(Golden Tide) 46 dms, Hongkong; 37 cs, Bangkok

DRIER, LIQ—2 cs, Golden Tide, Yokohama

DYES—1 cs, President Monroe, Shanghai

EPSOM SALT—1 bbl, President Monroe, Harbin

FERROSILICON—6 dms, President Grant, Manila

FLAVORING EXTRACT—(President Monroe), 3 cs, Manila; 10 cs, Osaka; 6 kegs, 2 cs, Cavite; 3 cs, Golden Tide, Saigon; 3 cs, President Grant, Hongkong

GASOLINE—62,896 bbls, Lacklan, Manila/Cebu; 80,689 bbls, Rigmor, Lands End; 300 dms, Golden Tide, Manila
AVIATION—724 dms, Golden Tide, Manila

GLASS, SHEET—2 cs, Chiriqui, Mandeville

GLAUBER'S SALT—7 bbls, 10 sks, Fella, Turkey

GLUE—2 cs, President Monroe, Hongkong

GLYCERIN—2 dms, President Monroe, Harbin

GREASE, LUBRICATING—20 cs, 10 pls, Kosei, Japan; 30 dms, 2 cs, Golden Coast, New Zealand; 35 cs, 6 dms, Fella, Africa; (President Monroe) 18 dms, Singapore; 1 dm, 15 cs, Colombo; 50 pls, Chiriqui, Puerto Armuelles; 60 dms, 50 cs, Koyei, Japan; (Golden Tide) 10 dms, Saigon; 8 dms, 4 hlf dms, 4 qtr dms, 10 pls, Iloilo; 1 cs, Yunnanfu; 11 dms, 30 pls, 23 cs, Cebu; 12 dms, 5 cs, Bangkok; 95 dms, President Grant, Yokohama

GYPSUM, CALCINED—100 sks, President Monroe, Manila

HOPS—7 bbls, President Monroe, Bankalore; 60 bbls, Canada, Vancouver

HYDROGEN, PEROXIDE—374 cs, Golden Coast, New Zealand

INK—10 cs, President Monroe, Manila
PRINTING—(President Monroe) 15 kits, Bombay; 3 dms, Shanghai; 1 cs, 15 pls, Poona City; (Golden Tide) 2 hlf bbls, Yokohama; 1 keg, 9 hlf bbls, Kobe
WRITING—(President Monroe) 71 cs, Shanghai; 370 cs, Bangkok; 133 cs, Hongkong

INSECTICIDE—2 cs, Admiral Halstead, Manila; 5 cs, Golden Tide, Bangkok

KELP MEAL—46 sks, President Monroe, Hongkong

KEROSENE—95 dms, Wairuna, Sydney; 200 dms, Golden Coast, Australia; 500 cs, Chiriqui, Puerto Armuelles

LACQUER THINNER—17 cs, 20 kgs, President Monroe, Calcutta

LARD, VEGETABLE—100 cs, Chiriqui, Cristobal

LEAD, PASTE—1 cs, President Monroe, Shanghai

MALT EXTRACT—5 bbls, President Monroe, Shanghai

MEDICINAL PREPS—1 dm, Gregalia, London; (President Monroe) 56 bbls, Kobe; 112 bbls, Osaka; 224 bbls, Yokohama

METHYL ETHYL KETONE—188 dms, Golden Tide, Osaka

METHYL FORMATE—1 dm, Golden Coast, Australia

OAK EXTRACT—(President Monroe), 261 sks, Kobe; 519 sks, Osaka; 164 sks, President Grant, Kobe

OCHER—185 bbls, President Monroe, Kobe

OIL, AUTO—1 cs, Golden Tide, Hanoi

COTTONSEED—2 dms, General Pershing, Manila

CRUDE—91,430 bbls, Tatekawa, Japan 57,107 bbls, Lincoln Ellsworth, Shellburn

CYLINDER—(Golden Tide) 5 dms, Saigon; 10 dms, Bangkok

DIESEL—2,533 bbls, 3 dms, Wairuna, Auckland; 1,557 bbls, Hawaiian Standard, Topolobampo

FUEL—3,207 bbls, Hawaiian Standard, Topolobampo

LUBRICATING—40 dms, 350 cs, Kosei, Japan; 3,300 bbls, Lacklan, Manila/Cebu; (Wairuna) 890 dms, Sydney; 50 dms, Melbourne; 60 cs, 60 dms, Golden Coast, New Zealand; 74 cs, 44 dms, Fella, Arfica; (President Monroe) 40 dms, Penang; 456 dms, Bombay; 228 dms, 19 cs, Singapore; 160 dms, Shanghai; 110 dms, Hongkong; 56 dms, Colombo; 20 dms, Chiriqui, Kingston; 1,582 dms, 30 pls, Koyei, Japan; (Golden Tide) 500 cs, 100 dms, Moji; 125 dms, Hongkong; 140 dms, Saigon; 540 dms, 38 cs, Manila; 101 dms, 40 cs, Iloilo; 49 cs, 165 dms, Bangkok; 20 dms, Admiral Halstead, Manila; (President Grant), 790 dms, Yokohama; 142 dms, Manila; 61 dms, Shanghai

OLEO—7 bbls, President Monroe, Manila

PAINT—(President Monroe) 1 crt, Shanghai; 87 pls, 25 cs, Singapore; 2 cs, Hankow; 7 dms, Famagusta; 28 cs, 2 dms, Madras; 93 pls, 236 cs, Colombo; 6 dms, 52 pls, 24 cs, Bombay; (Golden Tide) 25 pls, 6 cs, Saigon; 10 pls, 2 cs, Haiphong

PREPARED—2 cs, President Monroe, Penang; 3 cs, Golden Tide, Hanoi

THINNER—30 dms, Golden Tide, Hongkong

PASTE, LABEL—61 cs, Golden Coast, New Zealand

PETROLEUM—(Colden Tide) 250 dms, Kobe; 160 dms, Moji; 75 dms, Haiphong; 3,000 cs, President Grant, Shanghai; 50 dms, Wairuna, Melbourne; 200 bbls, President Monroe, Bombay; 2 dms, Chiriqui, Puerto Armuelles

CRUDE—91,430 bbls, Tatekawa, Japan; 57,107 bbls, Lincoln Ellsworth, Shellburn

SPIRITS—100 cs, 500 dms, Golden Tide, Manila

PHENOL—40 cs, President Monroe, Kobe

POLISH, AUTO—1 cs, Golden Coast, Samoa

METAL—80 cs, Kosei, Japan; 100 cs, Wairuna, Sydney; (Golden Tide) 10 cs, Kobe; 134 cs, Manila; 136 cs, Hongkong

SHOE—48 cs, President Monroe, Manila

POTASH ETHYL XANTHATE—440 dms, Fella, Africa

PRIMER—9 cs, 5 pls, Golden Tide, Saigon

SALT—800 cs, Wairuna, Sydney; (President Monroe) 50 cs, Calcutta; 80 sks, Manila
IODIZED—800 cs, Wairuna, Sydney
PHOSPHATE—800 cs, Wairuna, Sydney
SULPHURIZED—3,400 cs, Wairuna, Sydney

SAND—325 sks, President Grant, Manila

SOAP, LAUNDRY—1,510 cs, President Monoe, Manila
POWDER—3 bbls, President Monroe, Cavite
SCOURING—1 dm, President Monroe, Shanghai
TOILET—(President Monroe). 103 cs, Hongkong; 4 cs, Manila

SODA—25 cs, 10 kegs, 2 pls, President Monroe, Shanghai
CAUSTIC—6 dms, President Grant, Manila
COMPOUNDED—1 bbl, President Monroe, Cavite
SILICATE—50 sks, 70 dms, Golden Coast, New Zealand; (President Grant) 4 dms, Hongkong; 87 dms, Kobe

STARCH, SIZING—1 dm, President Monroe, Hongkong

TALC—25 cs, President Monroe, Hongkong

TOILET PREPS—(President Monroe) 1 cs, Manila; 3 cs, Tokyo; 4 cs, Penang; 2 cs, Hongkong

TURPENTINE, SPIRITS—15 dms, Golden Tide, Yokohama
SUBSTITUTE—31,002 bbls; Lacklan, Manila/Cebu

VARNISH—1 cs, Golden Tide, Saigon; 20 dms, 10 kegs, Admiral Halstead, Manila

XANTHATE REAGENT—30 dms, President Grant, Chinnampo

Savannah Exports
Clearance Date

Cingalese Prince, February 13

GLUCOSE—(Cingalese Prince) 1,700 bbls, Manila; 15 bbls, Iloilo; 15 bbls, Cebu

ROSIN GUM—(Cingalese Prince) 60 bbls, Manila; 450 bbls, Shanghai

WOOD—80 bbls, Cingalese Prince, Manila

TURPENTINE, WOOD—430 pls, 25 cs, Cingalese Prince, Manila

Tampa Exports
Clearance Dates

Teresa, February 17; Vigor, February 22; Virginia, February 15

PHOSPHATE—2,198 tons, Teresa, Venice; 4,429 tons, Vigor, Landskrona; 4,201 tons, Virginia, Gadviken

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—10,393 bbls, W L Steed, New York

PETROLEUM, CRUDE—44,833 bbls, Dannedaike, Texas City; 110,577 bbls, Walter Jennings, Baytown; 107,950 bbls, E M Clark, Baytown; 98,065 bbls, Sunoil, Baytown; 141,548 bbls, G Harrison Smith, Baytown; 159,365 bbls, Charles G. Black, Baytown; 30,346 bbls, Federal, Houston

Los Angeles Coast Trade

GASOLINE—5,000 bbls, S & C No. 2, San Diego, 33,888 bbls, Utacarbon, Oleum; 19,723 bbls, Utacarbon, Martinez; 13,955 bbls, La Purisima, San Diego; 55,940 bbls, Arizona, Oakland; 3,141 bbls, S & C No. 41, San Diego; 4,098 bbls, S & C No. 2, San Diego; 82,018 bbls, Agwiworld, San Francisco; 62,742 bbls, Lebec, Oakland; 23,000 bbls, Mojave, Seattle

KEROSENE—5,800 bbls, Utacarbon, Oleum

NAPHTHA, CLEANERS—1,205 bbls, Utacarbon, Oleum

OIL, DIESEL—14,323 bbls, Utacarbon, Oleum; 4,347 bbls, La Purisima, San Diego; 1,295 bbls, S & C No. 41, San Diego; 7,319 bbls, Emidio, Portland; 690 bbls, S & C No. 2, San Diego; 10,888 bbls, Lebec, Oakland; 39,240 bbls, Cathiwood, Port San Luis

FUEL—74,030 bbls, Montebello, Seattle; 27,887 bbls, La Purisima, San Diego; 67,500 bbls, D G Scofield, Portland; 65,929 bbls, Tejon, Portland; 58,601 bbls, Emidio, Portland; 7,091 bbls, Lebec, Oakland; 54,000 bbls, Mojave, Seattle

FURNACE—5,916 bbls, Utacarbon, Oleum, 2,353 bbls, Lebec, Oakland

Port Arthur Coast Trade

OIL, FUEL—39,500 bbls, Caloria, Tampa

San Francisco Coast Trade

ALCOHOL—200 pkgs, Brookings, Portland, Ore
55 dms, Wallingford, Seattle

ALUMINA SULPHATE—2,000 sks, Wallingford, Port Angeles
25 tons, West Cape, Portland, Ore

AMMONIA, ANHYDROUS — 600 cyls, Point Brava, New Orleans
SULPHATE—800 sks, Dorothy Wintermute, Seattle

ANTI-FREEZE LIQUID—91 dms, Hawaiian, Seattle

APRICOT KERNELS—431 sks, Oregonian, New York

BLUESTONE—16 tons, Carriso, Seattle
RESIDUE—47 tons, Carriso, Tacoma

BONEMEAL — 900 sks, Dorothy Wintermote, Seattle
2,000 sks, Wallingford, Seattle

CARBONATE—17 tons, Oregonian, Port Newark

CASEIN SPREADER—30 sks, Point Brava, Corpus Christi

CASSIA—30 bls, General Pershing, Portland, Ore

CEMENT, RUBBER—3 cs, Hawaiian, Seattle

CHEMICALS—20 cs, Wallingford, Tacoma

CHLORIDE—20 tons, Carriso, Seattle

CHLORINE BLEACH, LIQUID—700 cs, Brookings, Portland, Ore
5,000 cs, President Lincoln, New York

CLAY, CALC—23 tons, Iowan, New York

COCONUT, DESIC—380 cs, Oregonian, New York
571 cs, Iowan, Norfolk
649 cs, President Lincoln, Los Angeles
2,936 cs, President Lincoln, New York

GASOLINE—7,900 bbls, Charlie Watson, Point Wells
AVIATION—1,500 bbls, Charlie Watson, Point Wells

GLUE, DRY—23 tons, Oregonian, Boston
200 sks, President Lincoln, Boston

HONEY—20 tons, Iowan, Norfolk
23 tons, Iowan, New York

LIME—600 sks, Dorothy Wintermote, Seattle

LITHARGE—18 tons, West Notus, Brooklyn

MATE, GRANULATED—825 sks, Carriso, Tacoma

METAL CUTTING PASTE COMP—3 cs, Hawaiian, Seattle

MILK POWDER—300 sks, Brookings, Portland, Ore
200 bbls, Point Brava, New Orleans
200 bbls, Point Brava, Houston

SUGAR—16 tons, Iowan, New York

MINERALS—800 sks, Dorothy Wintermote, Tacoma
800 sks, Wallingford, Tacoma
500 sks, Ernest H Meyer, Portland, Ore

MUSTARD SEED—13 tons, Carriso, Seattle

OIL—17 tons, Oregonian, Port Newark
400 pkgs, Brookings, Portland, Ore
650 tons, Carriso, Seattle
968 pkgs, Dorothy Wintermote, Seattle
1,400 pkgs, Wallingford, Seattle
150 pkgs, Wallingford, Tacoma
71 pkgs, President Lincoln, New York

LUBRICATING—0 cs, Hawaiian, Seattle

OLIVE—2 dms, Point Brava, New Orleans

TEASEED—100 dms, Iowan, New York

PAINT—74 cs, Hawaiian, Seattle
1,100 pkgs, Wallingford, Seatle
58 dms, President Lincoln, New York

THINNER—1,600 pls, Charlie Watson, Point Wells
50 dms, Dorothy Wintermote, Seattle

PARAFFIN—800 sks, Celilo, Los Angeles

POLISHING COMP—6 cs, Hawaiian, Seattle

PRUNE CONCENTRATE—47 tons, West Notus, Albany

PUTTY—53 cs, Hawaiian, Seattle

SALT—3,000 pkgs, Brookings, Portland, Ore
1,000 tons, Carriso, Tacoma
3,680 pkgs, Dorothy Wintermote, Tacoma
1,100 sks, Dorothy Wintermote, Seattle
9,000 pkgs, Wallingford, Seattle
4,200 pkgs, Wallingford, Tacoma
5,200 pkgs, 100 bbls, Ernest H Meyer, Portland, Ore

SOAP—680 pkgs, Dorothy Wintermote, Seattle
900 cs, Wallingford, Seattle
700 cs, Minnesotan, Portland, Ore
703 pkgs, President Lincoln, New York

SODA SILICATE—200 sks, Dorothy Wintermote, Seattle
300 sks, Dorothy Wintermote, Tacoma

SOLVENT, STODDARD — 1,500 bbls, Charlie Watson, Point Wells

SPEISS, BULK—586,650 pounds, Carriso, Tacoma
GRANULATED—5,397 sks, Carriso, Tacoma

SULPHUR—61 tons, West Notus, Brookings

TAPIOCA FLAKE — 131 sks, Celilo, Los Angeles
FLOUR—1,121 sks, Brookings, Portland, Ore
112 sks, Wallingford, Tacoma

TOILET PREPS — 70 cs, President Lincoln, Boston

WAX, FLOOR—31 cs, Hawaiian, Seattle
LIQUID—15 bbls, Point Brava, New Orleans

ZINC HYDROSULPHITE—300 dms, President Lincoln, New York

Cargo Ship Arrivals
February 27 to March 12

New York

Adrastus	Hongkong*	Mar 12
Agwistar	Tampico*	Mar 10
Alaskan	Portland*	Mar 9
Amazone	Maracaibo*	Mar 1
American Farmer	London*	Mar 8
American Importer	Liverpool*	Mar 8
American Merchant	London*	Feb 28
American Shipper	London*	Mar 1
Ancon	Cristobal*	Mar 1
Angelina	San Juan	Mar 7
Angol	Valparaiso*	Mar 7
Anniston City	Calcutta*	Feb 27
Antiope	Cardiff	Mar 1
Artigas	Dundee*	Mar 3
Ascania	Southampton*	Mar 8
Ayuruoca	Paranagua*	Feb 28
Batory	Gdynia*	Mar 11
Belfast	Yokohama*	Mar 11
Bilderdijk	Rotterdam	Mar 4

Birmingham City	Honolulu*	Mar 2
Black Condor	Rotterdam*	Mar 6
Black Eagle	Antwerp*	Mar 6
Black Tern	Rotterdam*	Mar 7
Bordeaux	Kobe*	Feb 28
Borinquen	Trujillo*	Mar 1
Boston City	Bristol*	Mar 7
Bremen	Bremen*	Mar 8
Calamares	Santa Marta*	Mar 4
Calgary	Freetown*	Mar 3
California	San Francisco*	Mar 2
Canadian Conqueror	Adelaide*	Mar 10
Caracas	Curacao*	Mar 4
Cauto	Tuxpan*	Feb 27
Chemnitz	Adelaide*	Mar 8
City of Canberra	Manchester	Mar 8
City of Dundee	Calcutta*	Mar 2
Cliffwood	Copenhagen*	Mar 7
Coamo	Trujillo*	Mar 8
Collamer	Dunkirk*	Mar 5
Colombia	Cristobal*	Mar 8
Conte di Savoia	Genoa*	Mar 4
Cottica	Curacao*	Mar 1
Cumbal	Pisco*	Mar 3
Cypria	Marseilles*	Mar 12
Dunstan	Para	Mar 9
East Indian	Buenos Aires*	Mar 1
Emilia	San Juan	Mar 1
Excalibur	Beirut*	Mar 4
Exchange	Genoa*	Mar 2
Exminster	Salonica*	Mar 10
Exmoor	Constanza*	Mar 11
Extavia	Piraeus*	Mar 9
Fort Townshend	Trinidad*	Mar 8
Gansdal	Yokohama*	Mar 1
Gitano	Hull	Mar 6
Guayaquil	Port au Prince*	Mar 8
Heimgar	Buenos Aires	Mar 10
Hellen Whittier	Honolulu	Mar 11
Henri Jaspar	Antwerp	Mar 6
Ile de France	Havre*	Mar 9
Indianian	San Francisco*	Mar 4
Iowan	San Francisco*	Mar 10
J L Luckenbach	Seattle	Mar 10
K I Luckenbach	Stockton*	Mar 11
Kersten Miles	Sundsvall*	Mar 1
King Robert	Buenos Aires*	Feb 27
Konigstein	Antwerp	Mar 11
Laila	Valparaiso*	Mar 2
Lara	Curacao*	Mar 11
Laura	Trieste*	Mar 4
Lehigh	Dundee*	Mar 1
Maelaren	Gothenburg*	Feb 27
Magdapur	Calcutta*	Mar 1
Mariana	Jobos	Mar 1
Marion	Hilo	Mar 12
Medea	Maracaibo*	Mar 8
Minnequa	Gothenburg*	Feb 27
Montgomery City	Honolulu*	Mar 4
Montreal City	Fowey*	Mar 8
Munargo	Havana*	Mar 4
Musa	Puerto Barrios*	Mar 11
Nako	Hongkong*	Feb 27
New Orleans	Calcutta*	Feb 27
Northern Prince	Buenos Aires*	Mar 3
Oregonian	San Francisco*	Feb 27
Oriente	Havana	Mar 2
Orizaba	Vera Cruz*	Mar 7
Paraguayo	Santos	Mar 10
Pastores	Cristobal*	Mar 1
Pennsylvania	Tacoma*	Mar 12
Peten	Port Limon*	Mar 7
Platano	Puerto Barrios*	Mar 4
Ponce	Sanchez*	Mar 2
Port Campbell	London	Feb 28
Porta	Rosario*	Mar 5
President Lincoln	San Francisco*	Mar 3
Queen Mary	Southampton*	Mar 8
Quirigua	Port Limon*	Feb 28
Roma	Naples*	Mar 10
Rydboholm	Gothenburg	Mar 1
Samaria	Liverpool*	Mar 8
San Jacinto	San Juan	Mar 9
Santa Barbara	San Antonio	Mar 9
Santa Rita	Valparaiso*	Mar 3
Santa Rosa	San Francisco	Mar 9
Scanyork	Gothenburg*	Mar 6
Seatrain Havana	New Orleans*	Mar 9
Silverbeech	Singapore*	Mar 3
Silveryew	Batavia*	Mar 5
Southern Cross	Buenos Aires*	Mar 10
Steel Engineer	Nawilwill	Mar 12
Steel Scientist	Shanghai*	Feb 27
Taihei	Yokohama*	Mar 3
Tai Yin	Manila*	Mar 4
Tanimbar	Batavia*	Mar 4
Texan	Loungview*	Mar 10
Thode Fagelund	Buenos Aires	Mar 2
Troubadour	Ibicuy*	Mar 4
Ulua	Santa Marta*	Mar 11
Umberleigh	Santos	Mar 1
Vingaren	Norrkoping	Mar 12
Washington	Hamburg*	Mar 5
Waukegan	Liverpool*	Mar 9
West Isleta	Mombasa*	Mar 5
West Notus	Los Angeles*	Mar 8
Yucatan	Vera Cruz*	Feb 28

* And other ports

Recent Charters

PETROLEUM—14,000 tons, S S Bralanta, dirty, Aruba, Curacao, United Kingdom, Continent, 19s; April

14,030 tons, S S Ida Knudsen, twelve months', dirty, oil trade, 6s 9d; delivery March-April

13,000 tons, Moller Ship, dirty, Aruba, Curacao, United Kingdom, Continent, 15s; two trips from March

7,500 tons, S S Solsten, clean, United States Gulf, United Kingdom, Continent, 25s; Rio or Santos, 26s; March

5,500 tons, S S Iossifoglu, crude oil, Constanza, Dunkirk, 12s 6d; loading about February 8

13,500 tons, S S Langanger, clean, Aruba, United Kingdom, Continent, 18s; March

9,000 tons, S S Evina, dirty, Aruba, Curacao, United Kingdom, Continent, 18s; April 1-20

13,500 tons, S S Eleonor Maersk, distillate, California, Curacao, 18s; option California, United Kingdom, Continent, 28s; end March

7,500 tons, S S Otterra, crude, Iraq, Pauillac, 13s 6d; Pauillac and Rouen, 14s 6d; March

9,000 tons, S S Britta, gas, lubricating, Aruba, Curacao, United Kingdom, Continent, 20s; second half March

5,500 tons, S S Cerinthus, lubricating, United States Gulf, United Kingdom, Continent, 26s; April

9,500 tons, S S Gustaf E Reutter, gas oil, Aruba, Curacao, United Kingdom, Continent, 19s; March

13,460 tons, S S Storsten, dirty oil trade, 12-month time charter, 6s 6d

9,000 tons, S S John P Pedersen, dirty, Aruba, United Kingdom, Continent, two voyages, 15s

8,500 tons, S S Stelvio, clean, United States Gulf, French Atlantic, 19s 6d; March

9,000 tons, S S Beaulieu, dirty, Venezuela, U S N H, 7s 3d; four trips from April-May, with option intermediate voyages Caripito, Aruba, 3s

10,000 tons, S S Orkanger, clean, United States Gulf, West Coast Italy, 23s 6d; February-March

7,500 tons, S S Buesten, clean, Northerns, 19s; United States Gulf, Antwerp, 23s; March

9,500 tons, S S Aino, dirty, Venezuela, United States N H, 7s 6d; four trips from March

13,500 tons, S S Marina, clean, Aruba, Curacao, United Kingdom, Continent, 18s; April

9,000 tons, S S Maridal, clean, Aruba, Curacao, United Kingdom, Continent, 19s; April

6,000 tons, S S Stigstad, dirty, Northern Range, London, Antwerp, 20s; March 10-31

7,900 tons, S S Superga, gas oil, United States Gulf, France, 18s; April 1-25

10,000 tons, S S Minister Wedel, clean, Aruba, Curacao, United Kingdom, Continent, 19s; May

4,000 tons, S S Helka, clean, Constanza, two ports out of Sete, Havre, Rouen and Antwerp, 20s 6d; March

7,500 tons, S S Solsten, clean, Aruba, Curacao, United Kingdom, Continent, 19s; April-May

2,000 tons, S S Atlas, clean, Constanza, Tunis or Sete, 14s; Tunis and Sete, 16s; March

6,500 tons, S S Vanduara, clean, United States Gulf, France, 21s 9d; February

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended March 3

Anise seed, 107 bags; filthy.
Caraway seed, 200 bags; filthy.
Cassia oil, 40 drums; not U.S.P.
Celery seed, 42 bags; filthy.
Cinchona bark, 50 bales; Not U.S.P.
Cocoa beans, 1,184 bags; moldy.
Coriander seed, 1,799 bags; filthy.
Cumin seed, 560 bags; filthy.
Medicinal preparations, 12 cases; false therapeutic claims.
Medicinal preparation, 1 case; false therapeutic claims.
Nutmegs, technical, 321 bags; restricted use.
Poppy seed, 100 bags; filthy.
Thyme, 200 bags; filthy and adulterated with worthless thyme.
Vanilla beans, 1 package; moldy.

Boston

Week Ended March 3

Cottonseed meal preparation, 8,000 bags; restricted use.

Buffalo

Week Ended March 3

Medicinal preparation, 1 case; false therapeutic claims.

Los Angeles

Week Ended February 25

Medicinal preparations, 500 pieces; false therapeutic claims; short volume.
Nutmegs, 20 bags; wormy and moldy.

Philadelphia

Week Ended March 3

Codliver oil, 200 barrels; contains foreign oils.
Coriander seed, 200 bags; filthy.

San Francisco

Week Ended February 25

Insecticide, 12 packages; false insecticidal claims.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or co-operative branch office of the bureau and not to this publication. When writing give the number of the item:—

Calcium Chloride:—Agency, Barranquilla, Colombia (2669).
Chemicals, Industrial:—Agency, Athens, Greece (2668).
Chemicals and Drugs:—Agency, Barranquilla, Colombia (2665).
Inks, Printing:—Agency, London, England (2635).
Medicine, Proprietary:—Purchase, Kingston, Jamaica (2664).
Muriatic Acid:—Agency, Barranquilla, Colombia (2669).
Pharmaceuticals:—Agency, Athens, Greece (2668).
Pyroxylin, and Film Scrap:—Agency, Brussels, Belgium (2667).
Rosin and Turpentine:—Agency, Genoa, Italy (2636).
Sodium Sulphate, Sulphite, and Carbonate:—Agency, Barranquilla, Colombia (2669).
Soybean Products:—Agency, Oyonnax, France (2640).
Sulphuric Acid:—Agency, Barranquilla, Colombia (2669).

Fertilizer Materials

Sulphur and Pyrites

(Continued from page 54)

meal was quoted on the basis of $39 to $41 per ton for fertilizer grade, ex dock, San Francisco, with high grade at $45.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, is quoted at $3.65 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles, nominally. Dry rendered, domestic ground, quoted at 95c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 85c. per unit.

BONE MEAL.—Domestic steamed meal, quoted in range, according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic meal was quoted at $3.60 per unit, nominally, f.o.b. cars, San Francisco and Los Angeles.

Mathieson Alkali Income Up 19 Percent in 1936

The Mathieson Alkali Works reports for the year 1936 net income of $1,628,480, after charges including Federal income taxes, equal, after preferred dividends, to $1.76 a share on 830,428 common shares, compared with $1,359,776, or $1.44 a share, on 830,663 common shares in 1935.

E. M. Allen, president of the company, in his letter to stockholders, said:—

Additions and improvements to property during the year amounted to $798,513, and there was also a betterment of our cash position. Current assets increased $489,527, principally in cash and receivables, while current liabilities decreased $531,176. As a result our working capital at the end of 1936 was $2,601,208, compared with $1,580,505 at the end of 1935. Inventories remained about the same. Notes payable to banks were decreased from $950,000 to $300,000 during 1936, and further decreased by $100,000 since January 1, 1937.

Increased earnings over those of 1935 reflected the general improvement in business. Sales contracts for 1937 deliveries show a continued firmness in prices, with moderate advances for certain products. Preliminary estimates of our customers' requirements under their 1937 contracts indicate increased shipments for 1937 over those for the past year.

Zinc Institute to Hold Convention April 26-27

The American Zinc Institute will hold its nineteenth annual meeting in the Hotel Statler, St. Louis, April 26 and 27, and the Galvanizers Committee, sponsored by the institute, will hold its sessions conincidentally from April 26 to 28 at the same place.

On the first morning both groups will attend the opening of the institute's general meeting to hear the report on the promotional program. In the afternoon the committee will hold a round table forum which will be open only to its members. Dinner and entertainment for both groups will be held in the evening. On the second day, combined sessions will occupy the time. The platform will be shared, and a number of technical papers on carefully chosen subjects will be presented. The third day the Galvanizers Committee will hear papers and in the afternoon all those in attendance will visit the new hot and cold strip mills and galvanizing department of the Granite City Steel Company.

Chemical Club of Phila. Adds Eight Members

The Chemical Club of Philadelphia held its February luncheon meeting in the Penn Athletic Club, with thirty-five members and guests, and the newly elected president, Lyman S. Lloyd, of the Alex C. Fergusson Company, presiding. Mr. Lloyd named the new committees and announced that there will be two golf tournaments during the Summer, the first at the Overbrook Country Club, and the second at Llanerch, Pa. The boosters prize for attendance, donated by F. C. Walters, Jr., of the Consumers Chemical Company, was drawn by F. S. Dubbs, of the American Cyanamid & Chemical Corporation. Eight new members were added to the club:—Ralph Clark, of the J. T. Baker Chemical Company; Lawrence S. Ford, of Ford Bros. & Co.; Kenneth G. Hewitt; William F. Kiefer, of Fritzsche Bros.; Fred E. Loud, of the Murray Oil Products Company; W. W. Quarles, of *Chemical and Metallurgical Engineering;* Morris C. Swope, of the Alex. C. Fergusson Company, and Rod Tompkins, of Loos & Dilworth, Inc.

Primm Elected N.P.V.L.A. South Zone Vice President

R. B. Primm, sales manager of branches in the south Central district for the Sherwin-Williams Company, with headquarters at 70 Broad street N. W., Atlanta, Ga., has been elected Southern Zone vice president of the National Paint, Varnish and Lacquer Association. Action was taken by the executive committee in accordance with the authorization by the convention in Chicago in November, 1936.

M. H. McAllister, of F. W. Berk & Co., fertilizer materials, this city, has returned from an extensive trip through the Southwest.

Obituaries

Emery G. Barber

Emery G. Barber, a director of the Standard Oil Company of New Jersey in charge of domestic marketing before his retirement in 1933, died in his home in Ridgewood, N. J., March 1, after an illness of six months. He was fifty-five years old. Mr. Barber was born in Brooklyn and attended public schools there. He joined the Standard company after his graduation from high school, and was with the company for thirty-seven years. Surviving are his wife, Mrs. Sara Woodruff-Barber; two daughters, Carolyn and Elizabeth Barber; a son, Emery G. Barber, and a brother, Theodore U. Barber.

Horace F. Carpenter

Horace F. Carpenter, mineralogist and conchologist, and one of the oldest living alumni of Brown University, died in Providence, Rhode Island, March 1. He was ninety-four years old. Mr. Carpenter, a native of Pawtucket, was the discoverer of a process of extracting gold and silver from photographic waste. He wrote extensively on inorganic and medical chemistry, qualitative and quantitative analysis and mineralogy.

Walter J. Kenlon

Walter J. Kenlon, president of the Kenlon Oil Company, this city, died of a heart attack March 4 in his home in Englewood Cliffs, New Jersey. He was forty-six years old. Mr. Kenlon served in France as a lieutenant in the World War, and afterwards was sales manager for the West Virginia and Pennsylvania Coal Company, until 1923 when he organized his oil company. He was the eldest son of John Kenlon, formerly fire chief of this city. Surviving, besides his parents, are two brothers, Gerald and Edwin Kenlon.

Edward J. Marshall

Edward Jessop Marshall, one of the first financiers in the Texas oil fields and one of the largest ranch owners of the world, died in the Cedars of Lebanon hospital, Hollywood, California, March 4. He was seventy-six years old. His total land holdings at the time of his death were estimated at 3,000,000 acres, one of his ranches being 2,000,000 acres. A native of Baltimore, he went to Texas, and after the discovery of oil at Beaumont, assisted in the organization of the Hogg-Swayne syndicate, later becoming associated with John W. Gates and others when the Texas Company was organized. In 1904 he sold out his oil interests and took up ranching. Surviving is his wife, Mrs. Sally McLemore Marshall.

Richard V. Ageton, deputy mining engineer of the United States Geological Survey and rated as one of the leading authorities in America on potash, died in the Veterans hospital, Albuquerque, New Mexico, March 2. He was fifty years old.

John Edwards, formerly sales manager of the Gulf Refining Company, Toledo, Ohio, died in his home in that city February 25, following a heart attack. He was sixty-nine years old. Mr. Edwards, years ago, was with the Standard Oil Company, in Cincinnati; then with the Moore Oil Company, as vice-president and general manager, at the time the firm was sold to the Pure Oil Company in 1919. He then went with the Gulf company. He retired from active business when his sight failed several years ago. Surviving are a sister and a brother.

Gabriel Jose Fajardo, importer and exporter of drugs, this city, died in his home in Upper Montclair, N. J., March 1, of pneumonia. He was sixty-nine years old. Mr. Fajardo was a graduate of the University of Cuba. Surviving are his wife; a daughter, Mrs. George B. Oliphant, of this city; three sisters and a brother.

Edmund Charles Rossiter, chief chemist of the Oldbury syndicate, from which grew the British Cyanides Company, now British Industrial Plastics, Ltd., until his retirement in 1928, died February 13, in his home in West Hagley, England. He was sixty-nine years old.

Ezra A. Thompson, chief chemist of the Department of Mines, Ottawa, and a former chairman of the Ottawa branch of the Society of Chemical Industry, died unexpectedly February 5. He was fifty-eight years old. He was a fellow of the Canadian Institute of Chemistry.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

FIRM WITH headquarters in Cincinnati and covering Louisville, Dayton and Columbus would be interested in representing producers of pigments, oils, chemicals or other raw materials. BOX 958, Oil, Paint and Drug Reporter.

Capital Offered

SERVICES AND capital of chemist-executive available. Twenty years of sales, manufacturing and research experience in industrial chemicals and chemical specialties. Desires responsible connection with well-established company. Communications to be treated confidentially. BOX 968, Oil, Paint and Drug Reporter.

Equipment Offered

FROM the $10,000,000 Spreckels liquidation —Three No. 4 Vallez rotary filters; 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE: Sheldon colorimeter in good condition. Priced reasonable for quick sale. BOX 939, Oil, Paint and Drug Reporter.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 955, Oil, Paint and Drug Reporter.

Equipment Offered

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

PEBBLE MILLS, 50-75 gallons; 4-gallon jar mill with 4 jars motor driven; 2,600 gallon aluminum ester still; aluminum evaporator 450 sq. ft. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Factories Offered

MODERN FACTORY, two story and basement brick 50x100, railroad siding, high ceilings, steam, three-ton Otis elevator 8 feet by 14 feet. Unrestricted district, Brooklyn. Subway, one block. Low rent or sale price. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

CALCIMINE and whiting factory located on Long Island City waterfront; approximately 75x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

FOR SALE: Phenylhydrazinehydrochloride (pure) $2.75 per pound; Michler's ketone $2.25 per pound; cinnamic acid C.P. $2.50 per pound; ethyl cinnamate $3.00; methylene blue $1.85 per pound; aminoazotoluene yellow $0.70 per pound; all in quantity. BOX 966, Oil, Paint and Drug Reporter.

Materials Wanted

LOCUST BEAN gum, Carob flour, industrial gum—scarce, but we have it. Most economical in place of tragacanth. Immediate delivery from stock, French or English. Please state quantity wanted. BOX 967, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 954, Oil, Paint and Drug Reporter.

Positions Vacant

PAINT WALLPAPER salesmen to sell well known dry flour paste as side line. New York and Jersey. Liberal commission. Chas. Krause Milling Co., New York City. Telephone WOrth 2-5677.

CHEMIST WANTED—In plant in vicinity of New York City with knowledge and actual experience in formulating and manufacturing a full line of abrasives, rouges, and polishes. Reply in detail with full particulars, experience, references, salary. Experienced man only. BOX 975, Oil, Paint and Drug Reporter.

Positions Wanted

FOREMAN SHADER—All-around shader or tinter, 15 years experience, would like to locate with a reliable firm as factory foreman, or shader; understand from mixing down; now employed; will locate anywhere; A-1 references. BOX 953, Oil, Paint and Drug Reporter.

IMMEDIATELY AVAILABLE.—Former sales executive successfully identified with chemical and allied industries for 20 years; wide experience; knows markets; possesses sound business judgment and is ready to go out and get business. Christian faith, age forty, married, in perfect health. Investigation of his background will prove an enviable record of accomplishment and substantial earning power. BOX 969, Oil, Paint and Drug Reporter.

Positions Wanted

SALESMAN with chemical training and ten years sales' experience selling raw materials to the paint, varnish lacquer and allied industries contemplates change. Will locate anywhere, but prefers the east. BOX 970, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST.—Columbia graduate; B.S. 1936, single, age 22, desires position as pharmaceutical or analytical chemist; thorough training in manufacture, analysis, and assay of chemicals and pharmaceuticals; any location. BOX 971, Oil, Paint and Drug Reporter.

CHEMIST and colorist with experience in textile printing. BOX 972, Oil, Paint and Drug Reporter.

CHEMIST who has much experience in the production and sales of cosmetics, lotions, powders, etc. BOX 973, Oil, Paint and Drug Reporter.

CHEMIST with plant supervision experience in paint, lacquers and plasticizers. BOX 974, Oil, Paint and Drug Reporter.

Processes Wanted

IMPORTANT BELGIAN chemical manufacturer is interested in new processes for manufacturing industrial chemicals on royalty basis. Can be contacted in New York. BOX 941, Oil, Paint and Drug Reporter.

Services Offered

COMPLEX ORGANIC mixture analyzed. Products and processes developed or improved. Clarence P. Harris, 174 Madison avenue, New York City.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought.. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1000 gals, some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ⅛" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
4—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x 90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.
15-17-19 Park Row, New York, N. Y. Phone: Barclay 7-9600
Plant: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment

GUARANTEED RECONDITIONED EQUIPMENT
OF PARTICULAR INTEREST TO THE PROCESSING INDUSTRY

ABBE—Pebble and Ball Mills; porcelain and silex lined.
BUFFALO—Crystallizer or Dryer, jacketed, 6' diameter for vacuum; 6'x30' rotary vacuum Dryers.
CLEARFIELD—Laboratory brick Press.
DAY—Jumbo Mixer, jacketed and plain; 3—vertical Mixers, 3'x5'; 1—horizontal 2,000 lb. mixer; 2—Sifters and Mixers, 400 lbs.
DEVINE—2—Vacuum Chamber Dryers, 17 shelves; 1—Vacuum Chamber Dryer, 13 shelves; 1—Atmospheric single Drum Dryer, 4x9'; 1—Atmospheric Double Drum Dryer, 40"x8'.
EVAPORATORS—Swenson, single effect; Zaremba, double effect; Zaremba, quadruple effect.
FARRELL-BIRMINGHAM—36"x36", 14" ram, steam heated plated Press.
HARRIS—6' and 5' copper vacuum Pans.
HARDINGE—6'x22" conical Mill.
JOHNSON—36" iron side-feed, open delivery Filter Presses, 58 chambers.
PFAUDLER—Enamelled Evaporators; Plain and Jacketed Kettles and Tanks.
ROSS—Horizontal dry Mixers, 1,000 lb. capacity; Post Mixer; Vertical Paint Mixers, 5'4"x6' and five 5'6"x4'6".
SPROUT-WALDRON—16" ball-bearing Attrition Mill; Continuous Mixer, double agitator.
STAINLESS STEEL—Vertical Mixing Tanks, 8' diam. x 12'.

"Only one can be FIRST"

Cable Address: EFFEMCY

FIRST MACHINERY CORPORATION
419 Lafayette St., N.Y. GRamercy 7-6622

Zinc Output in 1936 At New High Record

Production of metallic zinc from domestic ores in 1936 climbed to a new high since 1929, reaching a total of approximately 491,500 short tons, an increase of 19 percent over the production of 1935, while production of slab zinc from foreign ores in 1936 amounted to little more than 300 tons, a sharp drop from the 8,450 tons reported for the previous year, according to preliminary statistics received by the United States Bureau of Mines. Production of redistilled zinc was the largest recorded since 1929.

Stocks of zinc reported at primary and secondary retort plants and at electrolytic refineries, November 30, was about 67,700 tons, a decrease of 26 percent from the stock at the beginning of the year, and of 60 percent from the record stocks on hand at the end of 1930. High grade and intermediate grade stocks increased nearly 8 percent, while brass special, selected, and prime western stocks dropped 32 percent.

In addition to the output of primary zinc, about 41,800 tons of redistilled secondary zinc were produced in 1936 compared with 28,650 tons in 1935. Thus the total supply of distilled and electrolytic zinc in 1936 was about 533,600 tons, composed of 185,000 tons of high grade, 58,000 tons of intermediate, 60,400 tons of selected and brass special, and 230,200 tons of prime western zinc. Of the total output of primary material in 1936, about 126,600 tons were electrolytic zinc, of which 105,600 tons were produced in Montana and 21,000 tons in Idaho. Of the primary retort output 151,000 tons were produced in Pennsylvania, 81,000 tons in Illinois, 63,300 tons in Oklahoma, and the remainder in Arkansas, Texas, and West Virginia.

Imports of slab zinc for consumption, according to the Bureau of Foreign and Domestic Commerce, amounted to 10,528 tons for the first eleven months of 1936. Total imports of zinc in ore in the first eleven months were only 152 tons. In the same period exports of slab zinc were 29 tons, and exports of rolled zinc amounted to 4,081 tons.

Apparent deliveries of primary slab zinc to domestic consumers in 1936 amounted to about 513,000 tons, an increase of 14 percent from the 450,794 tons indicated for 1935. Apparent deliveries in 1936 amounted to 94 percent of the annual average for the period 1925 to 1929, inclusive.

G. H. Tomlinson, manager of the New York branch of the Archer-Daniels-Midland Company, linseed crusher, Minneapolis, returned last week from a month's vacation in Florida, improved in health and looking well.

Phila. P.V.L.A. Dinner March 10

The Philadelphia Paint, Varnish and Lacquer Association will hold a get-together and dinner, March 10, beginning at 5:30 p. m., in the Bellevue-Stratford hotel. A strong film, "Making the Sales Presentation Stay Presented," will be produced, and this will be followed by two-minute talks by prominent sales executives. The cost will be $2, and in addition to splendid entertainment, there will be five door prizes. Officers and directors of the Save the Surface Salesmen's Club of Philadelphia will be the association's guests.

Paint & Allied Gives Hats For New Members Enrolled

With a prize of a $5 hat for each member of the association who enrolls a new member, the New York Paint and Allied Industries Credit Association, affiliated with the New York Credit Men's Association, has started on an active campaign to increase its membership. Theodore H. Kleine is chairman of the membership committee. Two hats were won in February, for enrollment of the A. S. Boyle Company, Jersey City, and Frisch & Company, Bronx, N. Y.

Valentine & Co. Promotes Two

Frank P. Connolly, vice-president and sales manager of Valentine & Co., reports that Ralph H. Riker, of the trade sales organization, has assumed charge of the sales of Valspar marine finishes in the East, and Eddie Koldhoff has been promoted to manager of central sales. Mr. Riker has had long experience in the paint industry and is well known to dealers in the territory. Mr. Koldhoff, who has been with the Valentine organization since 1924, started his retail selling experience in his father's store near Scranton Pa., and has sold Valspar products to the trade throughout New York and Pennsylvania.

Alfred V. Mathews, assistant manager of the Birmingham office of the Hercules Powder Company, has been awarded a diamond-studded emblem by the company for twenty-five years' service. He entered the employ of the company May 1, 1912. He is a native of West Virginia.

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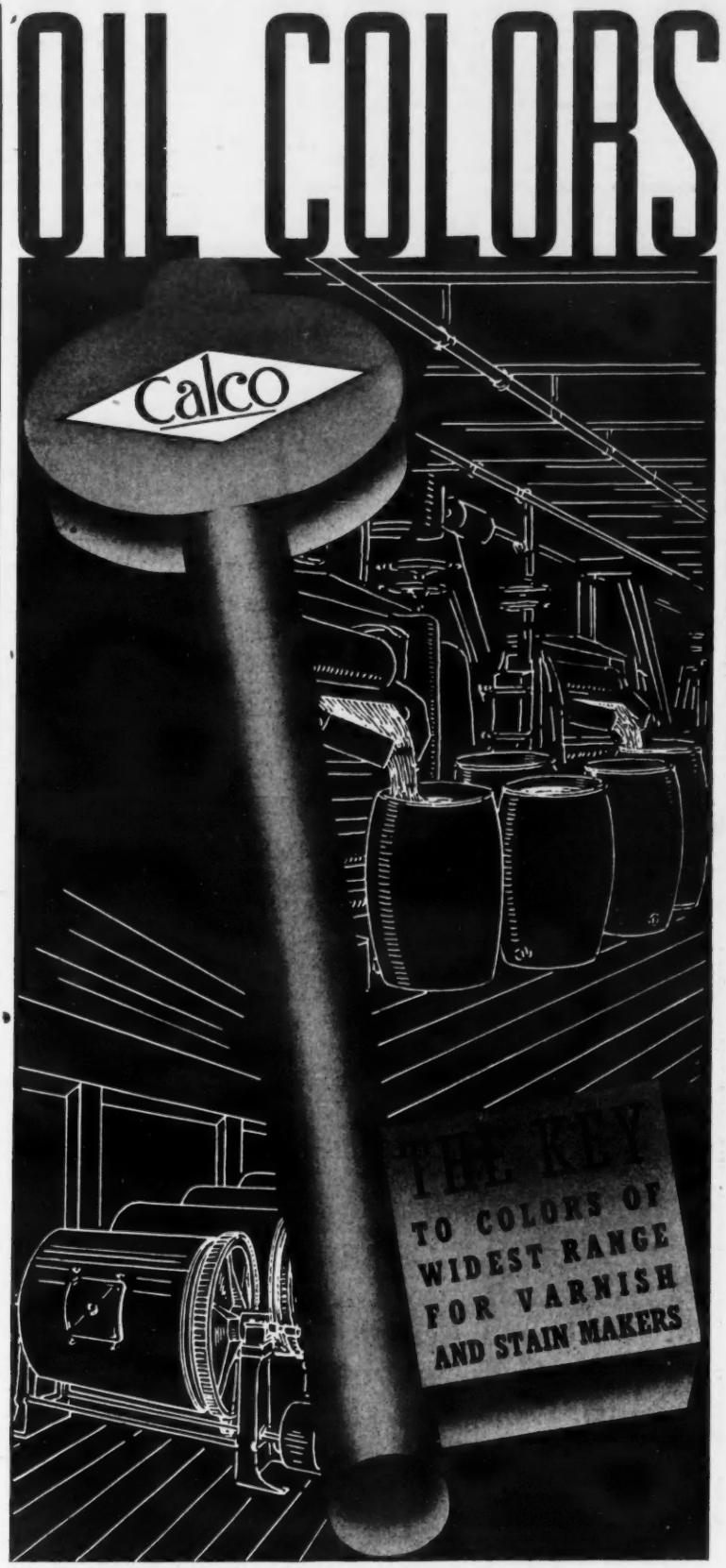

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Dichlorethylene—"Di-60"	140.5	10.70
Dichlorethylene—"Di-48-60" (Mixture of Di-48 and Di-60)	119.1	10.61
Chloroform	142.2	12.43
Carbon Tetrachloride	170.1	13.31
Trichlorethylene	188.1	12.20
Trichlorethane (Beta)	236.3	12.04
Tetrachlorethylene (Perchlorethylene)	249.4	13.55
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